

Appendix-B NR Band n38

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	BW	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N38	30	10	DFT-PI2BPSK	L	Outer_Full	25.04	26.44	33.00	PASS
N38	30	10	DFT-PI2BPSK	L	Inner_Full	25.52	26.92	33.00	PASS
N38	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	25.57	26.97	33.00	PASS
N38	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	25.41	26.81	33.00	PASS
N38	30	10	DFT-QPSK	L	Outer_Full	24.52	25.92	33.00	PASS
N38	30	10	DFT-QPSK	L	Inner_Full	25.05	26.45	33.00	PASS
N38	30	10	DFT-QPSK	L	Inner_1RB_Left	25.54	26.94	33.00	PASS
N38	30	10	DFT-QPSK	L	Inner_1RB_Right	25.56	26.96	33.00	PASS
N38	30	10	DFT-16QAM	L	Outer_Full	23.47	24.87	33.00	PASS
N38	30	10	DFT-16QAM	L	Inner_Full	24.06	25.46	33.00	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Left	24.35	25.75	33.00	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Right	24.46	25.86	33.00	PASS
N38	30	10	DFT-64QAM	L	Outer_Full	22.32	23.72	33.00	PASS
N38	30	10	DFT-64QAM	L	Inner_Full	22.51	23.91	33.00	PASS
N38	30	10	DFT-64QAM	L	Inner_1RB_Left	22.76	24.16	33.00	PASS
N38	30	10	DFT-64QAM	L	Inner_1RB_Right	22.55	23.95	33.00	PASS
N38	30	10	DFT-256QAM	L	Outer_Full	20.62	22.02	33.00	PASS
N38	30	10	DFT-256QAM	L	Inner_Full	20.73	22.13	33.00	PASS
N38	30	10	DFT-256QAM	L	Inner_1RB_Left	20.68	22.08	33.00	PASS
N38	30	10	DFT-256QAM	L	Inner_1RB_Right	20.73	22.13	33.00	PASS
N38	30	10	DFT-PI2BPSK	M	Outer_Full	24.98	26.38	33.00	PASS
N38	30	10	DFT-PI2BPSK	M	Inner_Full	25.59	26.99	33.00	PASS
N38	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	25.61	27.01	33.00	PASS
N38	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	25.62	27.02	33.00	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	24.6	26	33.00	PASS
N38	30	10	DFT-QPSK	M	Inner_Full	25.14	26.54	33.00	PASS
N38	30	10	DFT-QPSK	M	Inner_1RB_Left	25.64	27.04	33.00	PASS
N38	30	10	DFT-QPSK	M	Inner_1RB_Right	25.64	27.04	33.00	PASS
N38	30	10	DFT-16QAM	M	Outer_Full	23.54	24.94	33.00	PASS
N38	30	10	DFT-16QAM	M	Inner_Full	24.12	25.52	33.00	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Left	24.32	25.72	33.00	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Right	23.15	24.55	33.00	PASS
N38	30	10	DFT-64QAM	M	Outer_Full	22.57	23.97	33.00	PASS
N38	30	10	DFT-64QAM	M	Inner_Full	22.6	24	33.00	PASS
N38	30	10	DFT-64QAM	M	Inner_1RB_Left	22.83	24.23	33.00	PASS
N38	30	10	DFT-64QAM	M	Inner_1RB_Right	22.63	24.03	33.00	PASS

N38	30	10	DFT-256QAM	M	Outer_Full	20.61	22.01	33.00	PASS
N38	30	10	DFT-256QAM	M	Inner_Full	20.81	22.21	33.00	PASS
N38	30	10	DFT-256QAM	M	Inner_1RB_Left	20.67	22.07	33.00	PASS
N38	30	10	DFT-256QAM	M	Inner_1RB_Right	20.62	22.02	33.00	PASS
N38	30	10	DFT-PI2BPSK	H	Outer_Full	25.14	26.54	33.00	PASS
N38	30	10	DFT-PI2BPSK	H	Inner_Full	25.59	26.99	33.00	PASS
N38	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	25.69	27.09	33.00	PASS
N38	30	10	DFT-PI2BPSK	H	Inner_1RB_Right	25.73	27.13	33.00	PASS
N38	30	10	DFT-QPSK	H	Outer_Full	24.6	26	33.00	PASS
N38	30	10	DFT-QPSK	H	Inner_Full	25.21	26.61	33.00	PASS
N38	30	10	DFT-QPSK	H	Inner_1RB_Left	25.64	27.04	33.00	PASS
N38	30	10	DFT-QPSK	H	Inner_1RB_Right	25.45	26.85	33.00	PASS
N38	30	10	DFT-16QAM	H	Outer_Full	23.41	24.81	33.00	PASS
N38	30	10	DFT-16QAM	H	Inner_Full	24.19	25.59	33.00	PASS
N38	30	10	DFT-16QAM	H	Inner_1RB_Left	24.46	25.86	33.00	PASS
N38	30	10	DFT-16QAM	H	Inner_1RB_Right	24.58	25.98	33.00	PASS
N38	30	10	DFT-64QAM	H	Outer_Full	22.39	23.79	33.00	PASS
N38	30	10	DFT-64QAM	H	Inner_Full	22.64	24.04	33.00	PASS
N38	30	10	DFT-64QAM	H	Inner_1RB_Left	22.47	23.87	33.00	PASS
N38	30	10	DFT-64QAM	H	Inner_1RB_Right	22.8	24.2	33.00	PASS
N38	30	10	DFT-256QAM	H	Outer_Full	20.63	22.03	33.00	PASS
N38	30	10	DFT-256QAM	H	Inner_Full	20.61	22.01	33.00	PASS
N38	30	10	DFT-256QAM	H	Inner_1RB_Left	20.65	22.05	33.00	PASS
N38	30	10	DFT-256QAM	H	Inner_1RB_Right	20.58	21.98	33.00	PASS
N38	30	15	DFT-PI2BPSK	L	Outer_Full	25.12	26.52	33.00	PASS
N38	30	15	DFT-PI2BPSK	L	Inner_Full	25.68	27.08	33.00	PASS
N38	30	15	DFT-PI2BPSK	L	Inner_1RB_Left	25.66	27.06	33.00	PASS
N38	30	15	DFT-PI2BPSK	L	Inner_1RB_Right	25.69	27.09	33.00	PASS
N38	30	15	DFT-QPSK	L	Outer_Full	24.64	26.04	33.00	PASS
N38	30	15	DFT-QPSK	L	Inner_Full	25.14	26.54	33.00	PASS
N38	30	15	DFT-QPSK	L	Inner_1RB_Left	25.51	26.91	33.00	PASS
N38	30	15	DFT-QPSK	L	Inner_1RB_Right	25.62	27.02	33.00	PASS
N38	30	15	DFT-16QAM	L	Outer_Full	23.43	24.83	33.00	PASS
N38	30	15	DFT-16QAM	L	Inner_Full	24.21	25.61	33.00	PASS
N38	30	15	DFT-16QAM	L	Inner_1RB_Left	24.25	25.65	33.00	PASS
N38	30	15	DFT-16QAM	L	Inner_1RB_Right	24.44	25.84	33.00	PASS
N38	30	15	DFT-64QAM	L	Outer_Full	22.36	23.76	33.00	PASS
N38	30	15	DFT-64QAM	L	Inner_Full	22.81	24.21	33.00	PASS
N38	30	15	DFT-64QAM	L	Inner_1RB_Left	22.6	24	33.00	PASS
N38	30	15	DFT-64QAM	L	Inner_1RB_Right	22.78	24.18	33.00	PASS
N38	30	15	DFT-256QAM	L	Outer_Full	20.64	22.04	33.00	PASS
N38	30	15	DFT-256QAM	L	Inner_Full	20.59	21.99	33.00	PASS
N38	30	15	DFT-256QAM	L	Inner_1RB_Left	20.58	21.98	33.00	PASS
N38	30	15	DFT-256QAM	L	Inner_1RB_Right	20.64	22.04	33.00	PASS

N38	30	15	DFT-PI2BPSK	M	Outer_Full	25.13	26.53	33.00	PASS
N38	30	15	DFT-PI2BPSK	M	Inner_Full	25.61	27.01	33.00	PASS
N38	30	15	DFT-PI2BPSK	M	Inner_1RB_Left	25.57	26.97	33.00	PASS
N38	30	15	DFT-PI2BPSK	M	Inner_1RB_Right	25.56	26.96	33.00	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	24.52	25.92	33.00	PASS
N38	30	15	DFT-QPSK	M	Inner_Full	25.27	26.67	33.00	PASS
N38	30	15	DFT-QPSK	M	Inner_1RB_Left	25.45	26.85	33.00	PASS
N38	30	15	DFT-QPSK	M	Inner_1RB_Right	25.47	26.87	33.00	PASS
N38	30	15	DFT-16QAM	M	Outer_Full	23.28	24.68	33.00	PASS
N38	30	15	DFT-16QAM	M	Inner_Full	24.19	25.59	33.00	PASS
N38	30	15	DFT-16QAM	M	Inner_1RB_Left	24.24	25.64	33.00	PASS
N38	30	15	DFT-16QAM	M	Inner_1RB_Right	24.26	25.66	33.00	PASS
N38	30	15	DFT-64QAM	M	Outer_Full	22.38	23.78	33.00	PASS
N38	30	15	DFT-64QAM	M	Inner_Full	22.78	24.18	33.00	PASS
N38	30	15	DFT-64QAM	M	Inner_1RB_Left	22.78	24.18	33.00	PASS
N38	30	15	DFT-64QAM	M	Inner_1RB_Right	22.78	24.18	33.00	PASS
N38	30	15	DFT-256QAM	M	Outer_Full	20.63	22.03	33.00	PASS
N38	30	15	DFT-256QAM	M	Inner_Full	20.67	22.07	33.00	PASS
N38	30	15	DFT-256QAM	M	Inner_1RB_Left	20.82	22.22	33.00	PASS
N38	30	15	DFT-256QAM	M	Inner_1RB_Right	20.94	22.34	33.00	PASS
N38	30	15	DFT-PI2BPSK	H	Outer_Full	25.07	26.47	33.00	PASS
N38	30	15	DFT-PI2BPSK	H	Inner_Full	25.57	26.97	33.00	PASS
N38	30	15	DFT-PI2BPSK	H	Inner_1RB_Left	25.52	26.92	33.00	PASS
N38	30	15	DFT-PI2BPSK	H	Inner_1RB_Right	25.49	26.89	33.00	PASS
N38	30	15	DFT-QPSK	H	Outer_Full	24.71	26.11	33.00	PASS
N38	30	15	DFT-QPSK	H	Inner_Full	25.2	26.6	33.00	PASS
N38	30	15	DFT-QPSK	H	Inner_1RB_Left	25.47	26.87	33.00	PASS
N38	30	15	DFT-QPSK	H	Inner_1RB_Right	25.5	26.9	33.00	PASS
N38	30	15	DFT-16QAM	H	Outer_Full	23.39	24.79	33.00	PASS
N38	30	15	DFT-16QAM	H	Inner_Full	24.15	25.55	33.00	PASS
N38	30	15	DFT-16QAM	H	Inner_1RB_Left	24.3	25.7	33.00	PASS
N38	30	15	DFT-16QAM	H	Inner_1RB_Right	24.3	25.7	33.00	PASS
N38	30	15	DFT-64QAM	H	Outer_Full	22.51	23.91	33.00	PASS
N38	30	15	DFT-64QAM	H	Inner_Full	22.62	24.02	33.00	PASS
N38	30	15	DFT-64QAM	H	Inner_1RB_Left	22.6	24	33.00	PASS
N38	30	15	DFT-64QAM	H	Inner_1RB_Right	22.6	24	33.00	PASS
N38	30	15	DFT-256QAM	H	Outer_Full	20.67	22.07	33.00	PASS
N38	30	15	DFT-256QAM	H	Inner_Full	20.78	22.18	33.00	PASS
N38	30	15	DFT-256QAM	H	Inner_1RB_Left	20.83	22.23	33.00	PASS
N38	30	15	DFT-256QAM	H	Inner_1RB_Right	20.83	22.23	33.00	PASS
N38	30	20	DFT-PI2BPSK	L	Outer_Full	25.01	26.41	33.00	PASS
N38	30	20	DFT-PI2BPSK	L	Inner_Full	25.45	26.85	33.00	PASS
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	25.56	26.96	33.00	PASS
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	25.63	27.03	33.00	PASS

N38	30	20	DFT-QPSK	L	Outer_Full	24.71	26.11	33.00	PASS
N38	30	20	DFT-QPSK	L	Inner_Full	25.26	26.66	33.00	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Left	25.55	26.95	33.00	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Right	25.66	27.06	33.00	PASS
N38	30	20	DFT-16QAM	L	Outer_Full	23.4	24.8	33.00	PASS
N38	30	20	DFT-16QAM	L	Inner_Full	24.25	25.65	33.00	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Left	24.25	25.65	33.00	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Right	24.41	25.81	33.00	PASS
N38	30	20	DFT-64QAM	L	Outer_Full	22.4	23.8	33.00	PASS
N38	30	20	DFT-64QAM	L	Inner_Full	22.82	24.22	33.00	PASS
N38	30	20	DFT-64QAM	L	Inner_1RB_Left	22.58	23.98	33.00	PASS
N38	30	20	DFT-64QAM	L	Inner_1RB_Right	22.78	24.18	33.00	PASS
N38	30	20	DFT-256QAM	L	Outer_Full	20.65	22.05	33.00	PASS
N38	30	20	DFT-256QAM	L	Inner_Full	20.69	22.09	33.00	PASS
N38	30	20	DFT-256QAM	L	Inner_1RB_Left	20.81	22.21	33.00	PASS
N38	30	20	DFT-256QAM	L	Inner_1RB_Right	20.59	21.99	33.00	PASS
N38	30	20	DFT-PI2BPSK	M	Outer_Full	25.08	26.48	33.00	PASS
N38	30	20	DFT-PI2BPSK	M	Inner_Full	25.65	27.05	33.00	PASS
N38	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	25.48	26.88	33.00	PASS
N38	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	25.48	26.88	33.00	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	24.6	26	33.00	PASS
N38	30	20	DFT-QPSK	M	Inner_Full	25.24	26.64	33.00	PASS
N38	30	20	DFT-QPSK	M	Inner_1RB_Left	25.41	26.81	33.00	PASS
N38	30	20	DFT-QPSK	M	Inner_1RB_Right	25.5	26.9	33.00	PASS
N38	30	20	DFT-16QAM	M	Outer_Full	23.37	24.77	33.00	PASS
N38	30	20	DFT-16QAM	M	Inner_Full	24.23	25.63	33.00	PASS
N38	30	20	DFT-16QAM	M	Inner_1RB_Left	24.14	25.54	33.00	PASS
N38	30	20	DFT-16QAM	M	Inner_1RB_Right	24.2	25.6	33.00	PASS
N38	30	20	DFT-64QAM	M	Outer_Full	20.67	22.07	33.00	PASS
N38	30	20	DFT-64QAM	M	Inner_Full	22.79	24.19	33.00	PASS
N38	30	20	DFT-64QAM	M	Inner_1RB_Left	22.73	24.13	33.00	PASS
N38	30	20	DFT-64QAM	M	Inner_1RB_Right	22.74	24.14	33.00	PASS
N38	30	20	DFT-256QAM	M	Outer_Full	20.6	22	33.00	PASS
N38	30	20	DFT-256QAM	M	Inner_Full	20.58	21.98	33.00	PASS
N38	30	20	DFT-256QAM	M	Inner_1RB_Left	20.72	22.12	33.00	PASS
N38	30	20	DFT-256QAM	M	Inner_1RB_Right	20.71	22.11	33.00	PASS
N38	30	20	DFT-PI2BPSK	H	Outer_Full	25.09	26.49	33.00	PASS
N38	30	20	DFT-PI2BPSK	H	Inner_Full	25.63	27.03	33.00	PASS
N38	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	25.57	26.97	33.00	PASS
N38	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	25.55	26.95	33.00	PASS
N38	30	20	DFT-QPSK	H	Outer_Full	24.58	25.98	33.00	PASS
N38	30	20	DFT-QPSK	H	Inner_Full	25.15	26.55	33.00	PASS
N38	30	20	DFT-QPSK	H	Inner_1RB_Left	25.42	26.82	33.00	PASS
N38	30	20	DFT-QPSK	H	Inner_1RB_Right	25.39	26.79	33.00	PASS

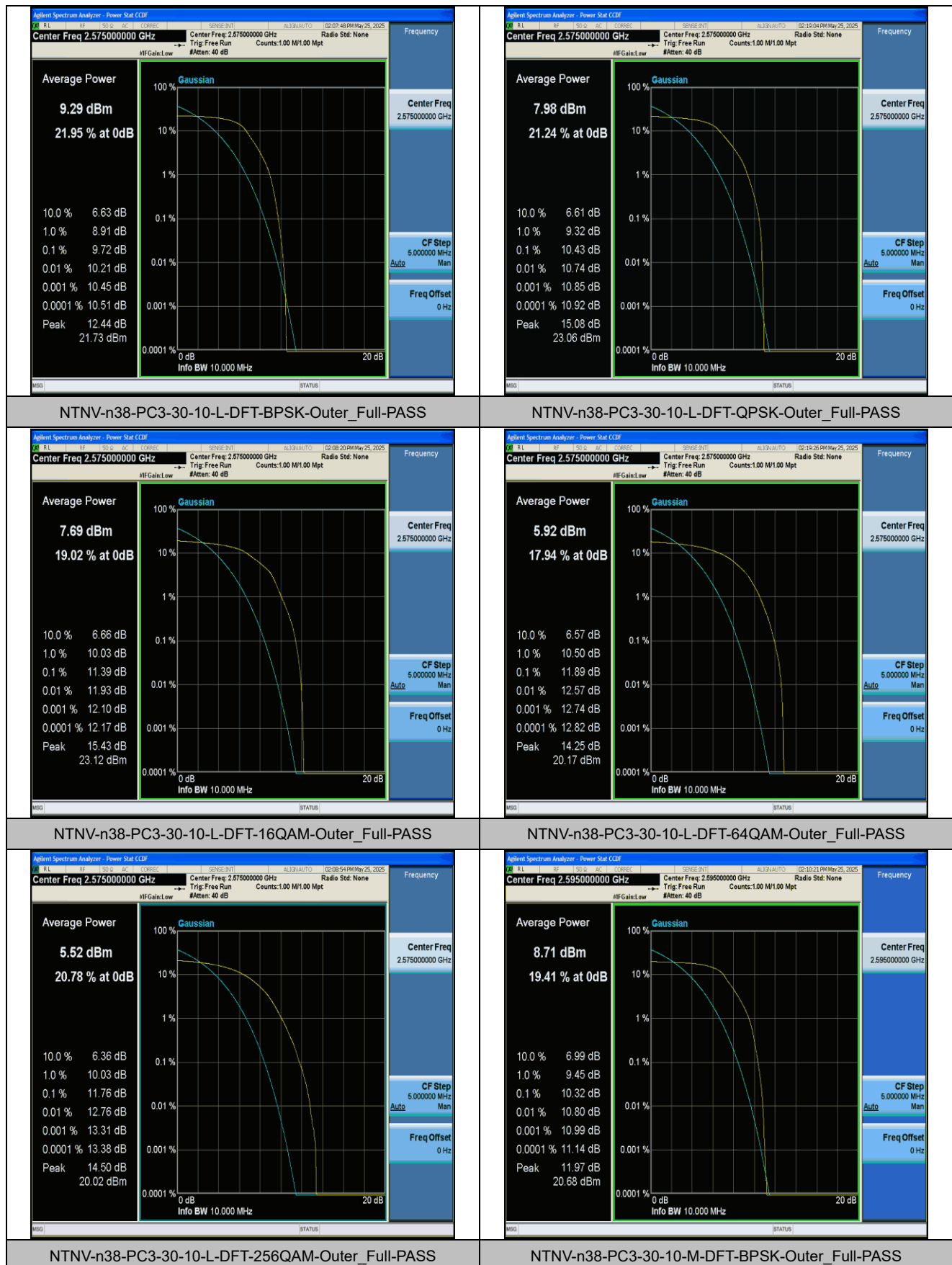
N38	30	20	DFT-16QAM	H	Outer_Full	23.29	24.69	33.00	PASS
N38	30	20	DFT-16QAM	H	Inner_Full	24.13	25.53	33.00	PASS
N38	30	20	DFT-16QAM	H	Inner_1RB_Left	24.25	25.65	33.00	PASS
N38	30	20	DFT-16QAM	H	Inner_1RB_Right	24.23	25.63	33.00	PASS
N38	30	20	DFT-64QAM	H	Outer_Full	22.29	23.69	33.00	PASS
N38	30	20	DFT-64QAM	H	Inner_Full	22.71	24.11	33.00	PASS
N38	30	20	DFT-64QAM	H	Inner_1RB_Left	22.53	23.93	33.00	PASS
N38	30	20	DFT-64QAM	H	Inner_1RB_Right	22.48	23.88	33.00	PASS
N38	30	20	DFT-256QAM	H	Outer_Full	20.52	21.92	33.00	PASS
N38	30	20	DFT-256QAM	H	Inner_Full	20.5	21.9	33.00	PASS
N38	30	20	DFT-256QAM	H	Inner_1RB_Left	20.67	22.07	33.00	PASS
N38	30	20	DFT-256QAM	H	Inner_1RB_Right	20.64	22.04	33.00	PASS

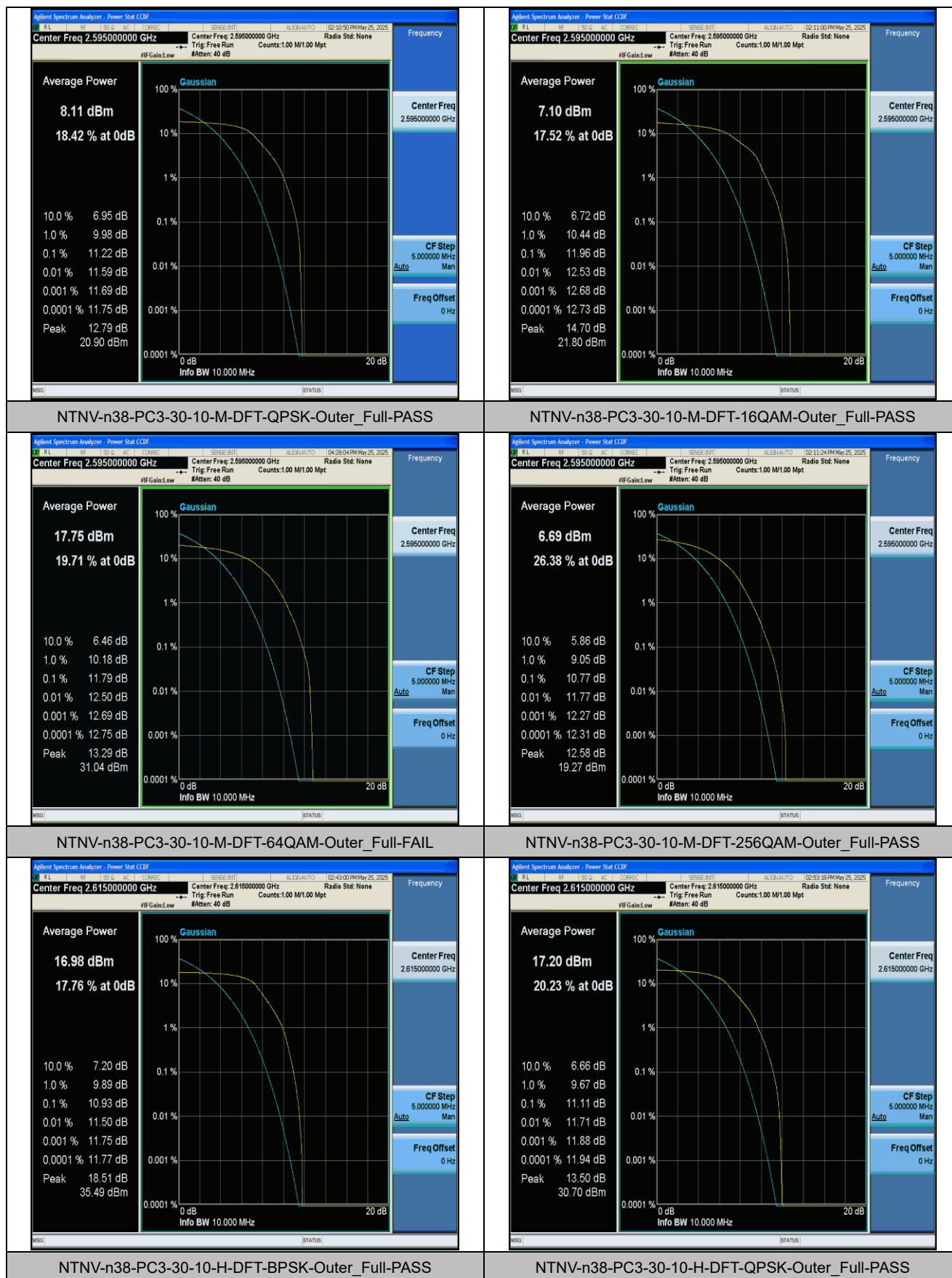
Peak-to-Average Ratio for SA**Peak-to-Average Ratio(CCDF)****Test Result**

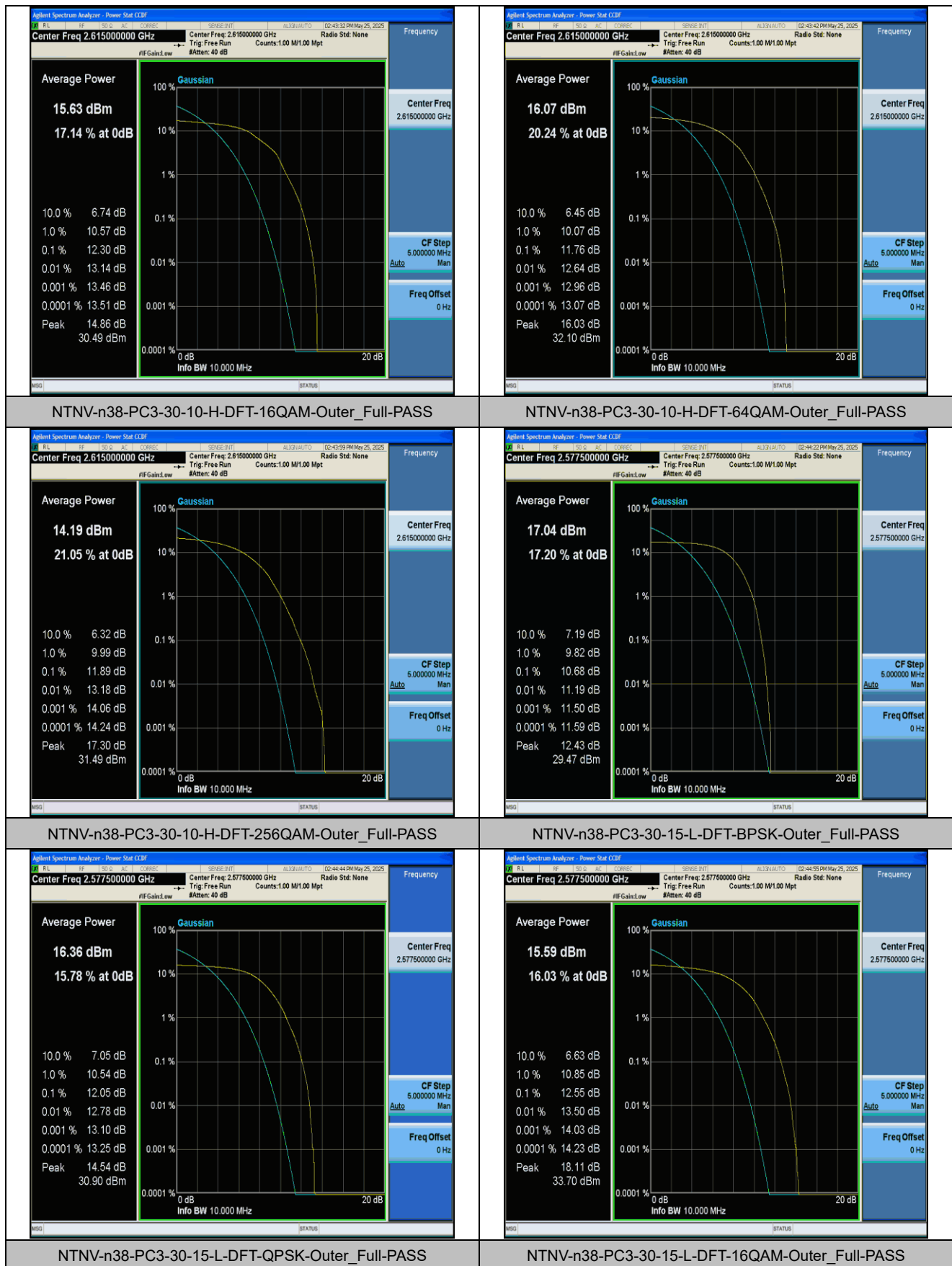
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
n38	30	10	DFT-BPSK	L	Outer_Full	9.72	≤13dB	PASS
n38	30	10	DFT-QPSK	L	Outer_Full	10.43	≤13dB	PASS
n38	30	10	DFT-16QAM	L	Outer_Full	11.39	≤13dB	PASS
n38	30	10	DFT-64QAM	L	Outer_Full	11.89	≤13dB	PASS
n38	30	10	DFT-256QAM	L	Outer_Full	11.76	≤13dB	PASS
n38	30	10	DFT-BPSK	M	Outer_Full	10.32	≤13dB	PASS
n38	30	10	DFT-QPSK	M	Outer_Full	11.22	≤13dB	PASS
n38	30	10	DFT-16QAM	M	Outer_Full	11.96	≤13dB	PASS
n38	30	10	DFT-64QAM	M	Outer_Full	11.79	≤13dB	PASS
n38	30	10	DFT-256QAM	M	Outer_Full	10.77	≤13dB	PASS
n38	30	10	DFT-BPSK	H	Outer_Full	10.93	≤13dB	PASS
n38	30	10	DFT-QPSK	H	Outer_Full	11.11	≤13dB	PASS
n38	30	10	DFT-16QAM	H	Outer_Full	12.3	≤13dB	PASS
n38	30	10	DFT-64QAM	H	Outer_Full	11.76	≤13dB	PASS
n38	30	10	DFT-256QAM	H	Outer_Full	11.89	≤13dB	PASS
n38	30	15	DFT-BPSK	L	Outer_Full	10.68	≤13dB	PASS
n38	30	15	DFT-QPSK	L	Outer_Full	12.05	≤13dB	PASS
n38	30	15	DFT-16QAM	L	Outer_Full	12.55	≤13dB	PASS
n38	30	15	DFT-64QAM	L	Outer_Full	12.48	≤13dB	PASS
n38	30	15	DFT-256QAM	L	Outer_Full	12.13	≤13dB	PASS
n38	30	15	DFT-BPSK	M	Outer_Full	9.54	≤13dB	PASS
n38	30	15	DFT-QPSK	M	Outer_Full	8.44	≤13dB	PASS
n38	30	15	DFT-16QAM	M	Outer_Full	11.71	≤13dB	PASS
n38	30	15	DFT-64QAM	M	Outer_Full	11.8	≤13dB	PASS
n38	30	15	DFT-256QAM	M	Outer_Full	11.05	≤13dB	PASS
n38	30	15	DFT-BPSK	H	Outer_Full	11.2	≤13dB	PASS
n38	30	15	DFT-QPSK	H	Outer_Full	11.11	≤13dB	PASS
n38	30	15	DFT-16QAM	H	Outer_Full	11.8	≤13dB	PASS
n38	30	15	DFT-64QAM	H	Outer_Full	11.82	≤13dB	PASS
n38	30	15	DFT-256QAM	H	Outer_Full	12.97	≤13dB	PASS
n38	30	20	DFT-BPSK	L	Outer_Full	10.82	≤13dB	PASS
n38	30	20	DFT-QPSK	L	Outer_Full	11.12	≤13dB	PASS
n38	30	20	DFT-16QAM	L	Outer_Full	10.36	≤13dB	PASS
n38	30	20	DFT-64QAM	L	Outer_Full	10.71	≤13dB	PASS
n38	30	20	DFT-256QAM	L	Outer_Full	11.97	≤13dB	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	9.36	≤13dB	PASS
n38	30	20	DFT-QPSK	M	Outer_Full	11.09	≤13dB	PASS
n38	30	20	DFT-16QAM	M	Outer_Full	11.26	≤13dB	PASS

n38	30	20	DFT-64QAM	M	Outer_Full	12.7	≤13dB	PASS
n38	30	20	DFT-256QAM	M	Outer_Full	11.38	≤13dB	PASS
n38	30	20	DFT-BPSK	H	Outer_Full	11.5	≤13dB	PASS
n38	30	20	DFT-QPSK	H	Outer_Full	10.54	≤13dB	PASS
n38	30	20	DFT-16QAM	H	Outer_Full	11.9	≤13dB	PASS
n38	30	20	DFT-64QAM	H	Outer_Full	11.23	≤13dB	PASS
n38	30	20	DFT-256QAM	H	Outer_Full	12.57	≤13dB	PASS
n38	30	10	CP-QPSK	L	Outer_Full	10.88	≤13dB	PASS
n38	30	10	CP-16QAM	L	Outer_Full	12.04	≤13dB	PASS
n38	30	10	CP-64QAM	L	Outer_Full	11.55	≤13dB	PASS
n38	30	10	CP-256QAM	L	Outer_Full	12.66	≤13dB	PASS
n38	30	10	CP-QPSK	M	Outer_Full	11.49	≤13dB	PASS
n38	30	10	CP-16QAM	M	Outer_Full	11.76	≤13dB	PASS
n38	30	10	CP-64QAM	M	Outer_Full	11.08	≤13dB	PASS
n38	30	10	CP-256QAM	M	Outer_Full	11.92	≤13dB	PASS
n38	30	10	CP-QPSK	H	Outer_Full	11.09	≤13dB	PASS
n38	30	10	CP-16QAM	H	Outer_Full	12.82	≤13dB	PASS
n38	30	10	CP-64QAM	H	Outer_Full	12.81	≤13dB	PASS
n38	30	10	CP-256QAM	H	Outer_Full	11.46	≤13dB	PASS
n38	30	15	CP-QPSK	L	Outer_Full	11.98	≤13dB	PASS
n38	30	15	CP-16QAM	L	Outer_Full	11.74	≤13dB	PASS
n38	30	15	CP-64QAM	L	Outer_Full	11.55	≤13dB	PASS
n38	30	15	CP-256QAM	L	Outer_Full	12.86	≤13dB	PASS
n38	30	15	CP-QPSK	M	Outer_Full	10.99	≤13dB	PASS
n38	30	15	CP-16QAM	M	Outer_Full	11.85	≤13dB	PASS
n38	30	15	CP-64QAM	M	Outer_Full	12.8	≤13dB	PASS
n38	30	15	CP-256QAM	M	Outer_Full	11.98	≤13dB	PASS
n38	30	15	CP-QPSK	H	Outer_Full	11.22	≤13dB	PASS
n38	30	15	CP-16QAM	H	Outer_Full	11.31	≤13dB	PASS
n38	30	15	CP-64QAM	H	Outer_Full	12.86	≤13dB	PASS
n38	30	15	CP-256QAM	H	Outer_Full	12.02	≤13dB	PASS
n38	30	20	CP-QPSK	L	Outer_Full	10.64	≤13dB	PASS
n38	30	20	CP-16QAM	L	Outer_Full	10.97	≤13dB	PASS
n38	30	20	CP-64QAM	L	Outer_Full	11.64	≤13dB	PASS
n38	30	20	CP-256QAM	L	Outer_Full	12.23	≤13dB	PASS
n38	30	20	CP-QPSK	M	Outer_Full	11.38	≤13dB	PASS
n38	30	20	CP-16QAM	M	Outer_Full	10.75	≤13dB	PASS
n38	30	20	CP-64QAM	M	Outer_Full	11.88	≤13dB	PASS
n38	30	20	CP-256QAM	M	Outer_Full	12.64	≤13dB	PASS
n38	30	20	CP-QPSK	H	Outer_Full	11.74	≤13dB	PASS
n38	30	20	CP-16QAM	H	Outer_Full	11.17	≤13dB	PASS
n38	30	20	CP-64QAM	H	Outer_Full	11.48	≤13dB	PASS
n38	30	20	CP-256QAM	H	Outer_Full	11.28	≤13dB	PASS

Test Graphs

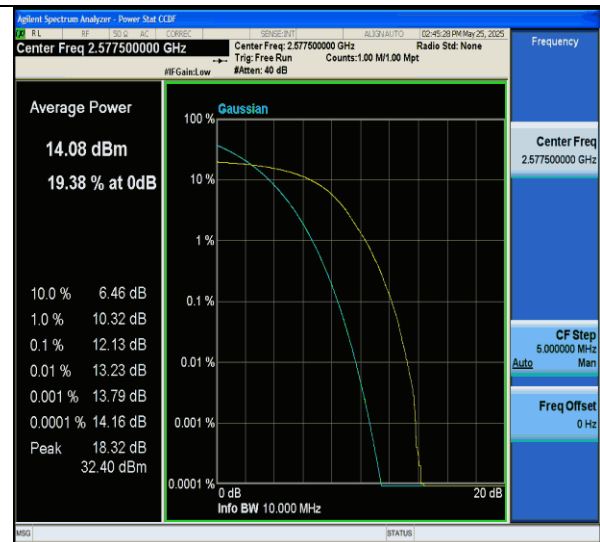




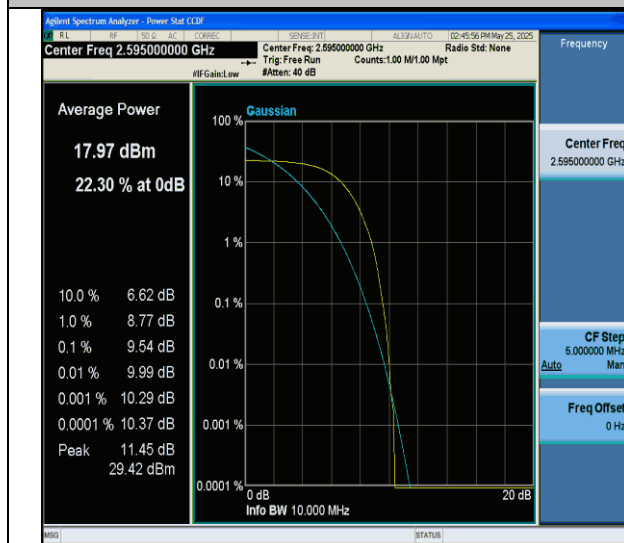




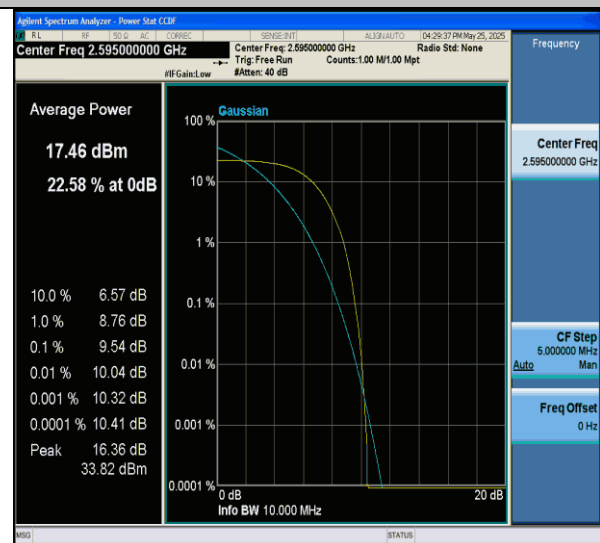
NTNV-n38-PC3-30-15-L-DFT-64QAM-Outer_Full-PASS



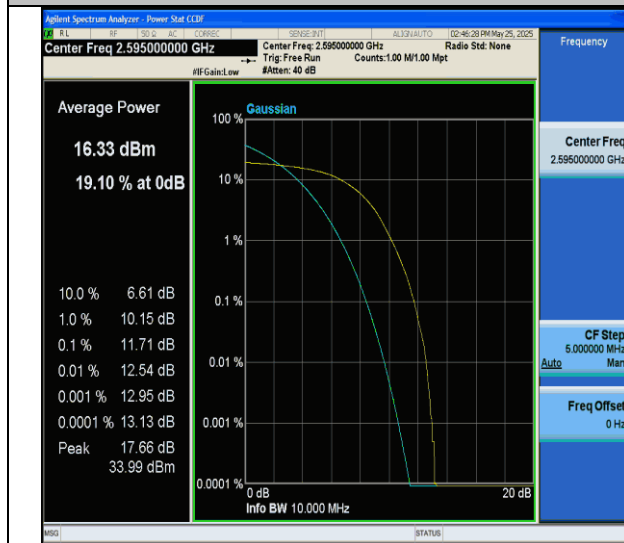
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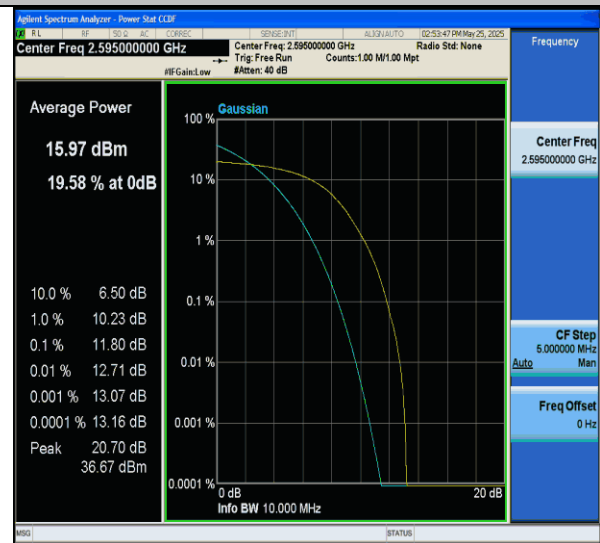
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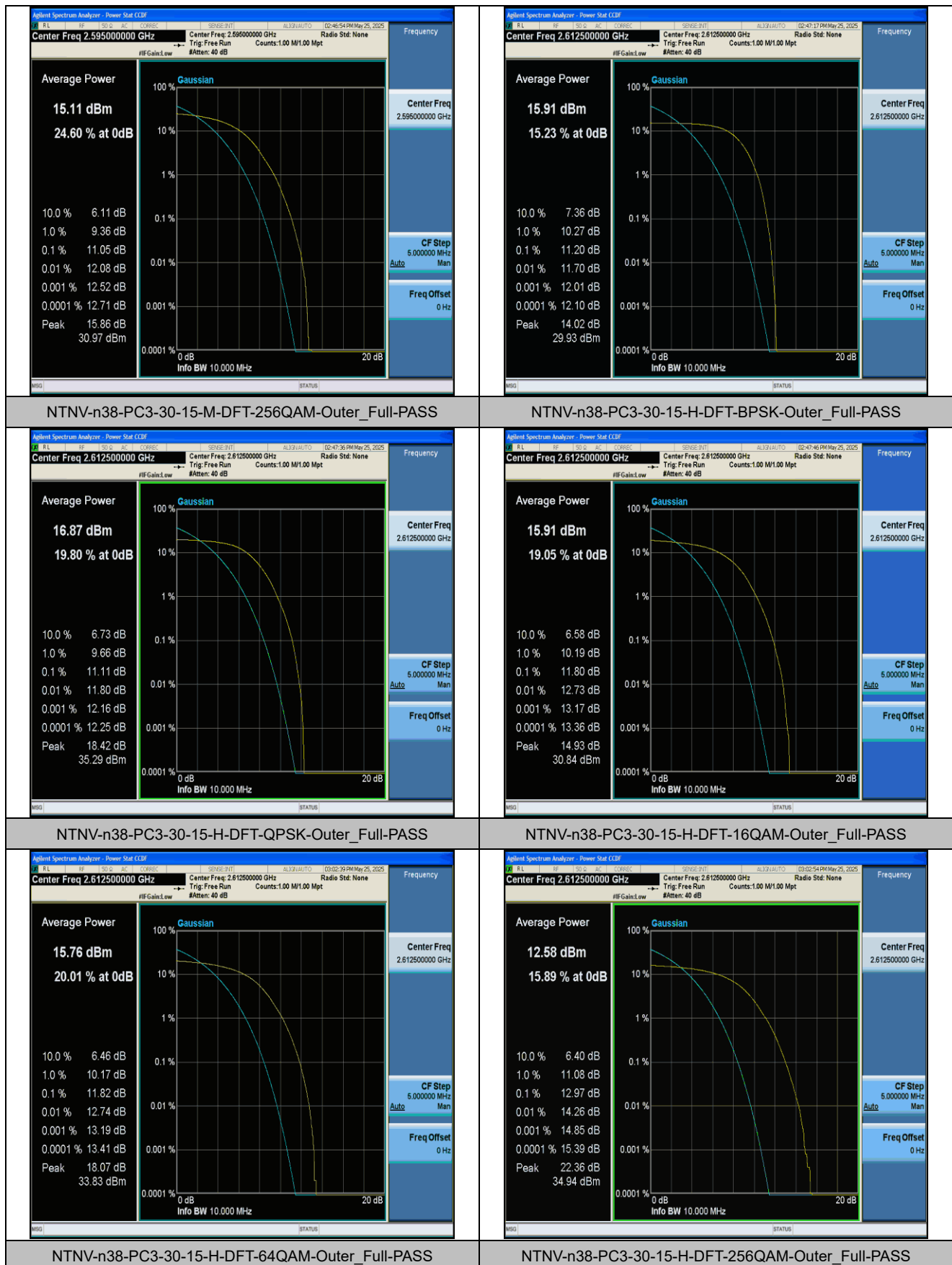
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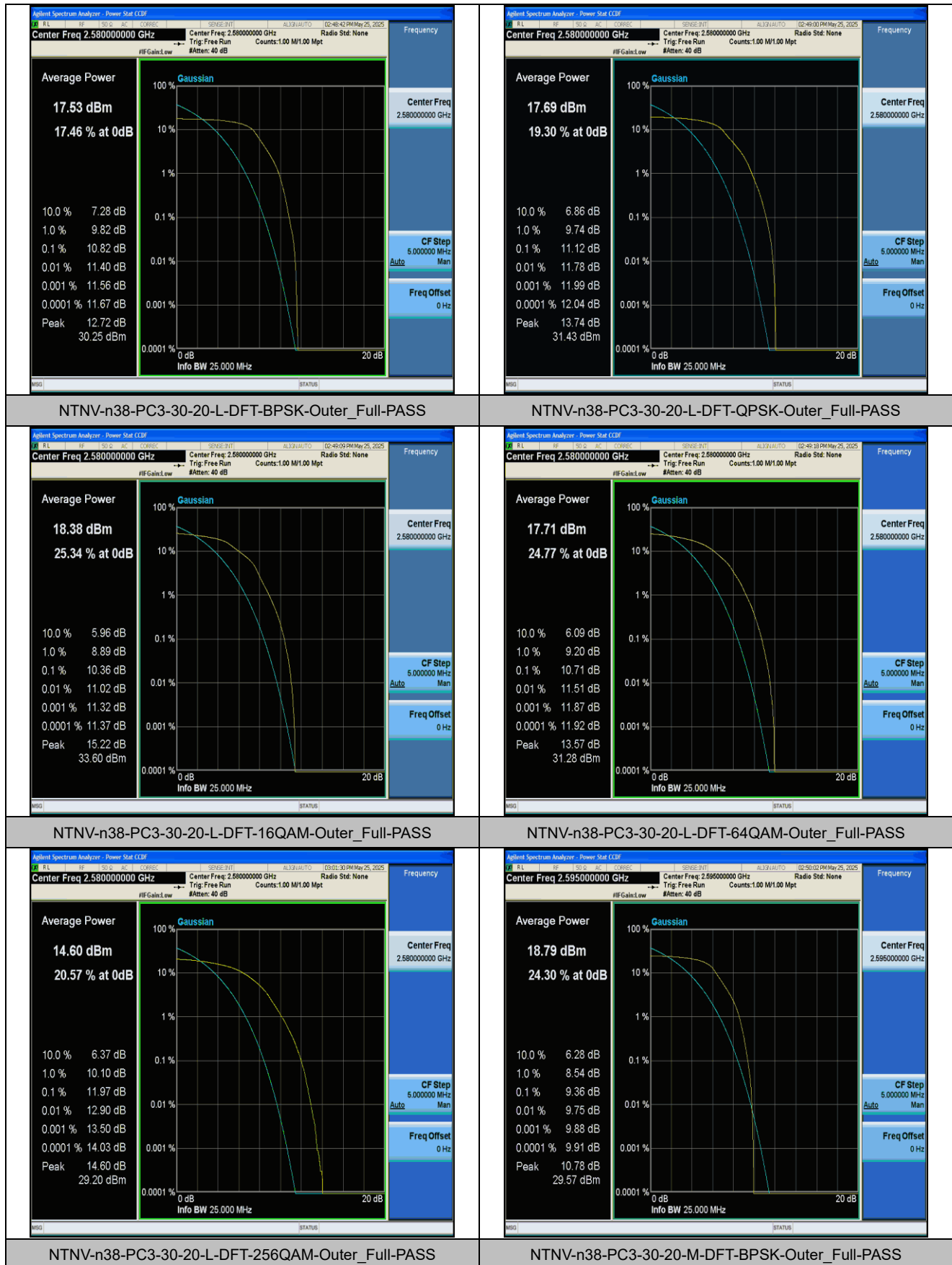


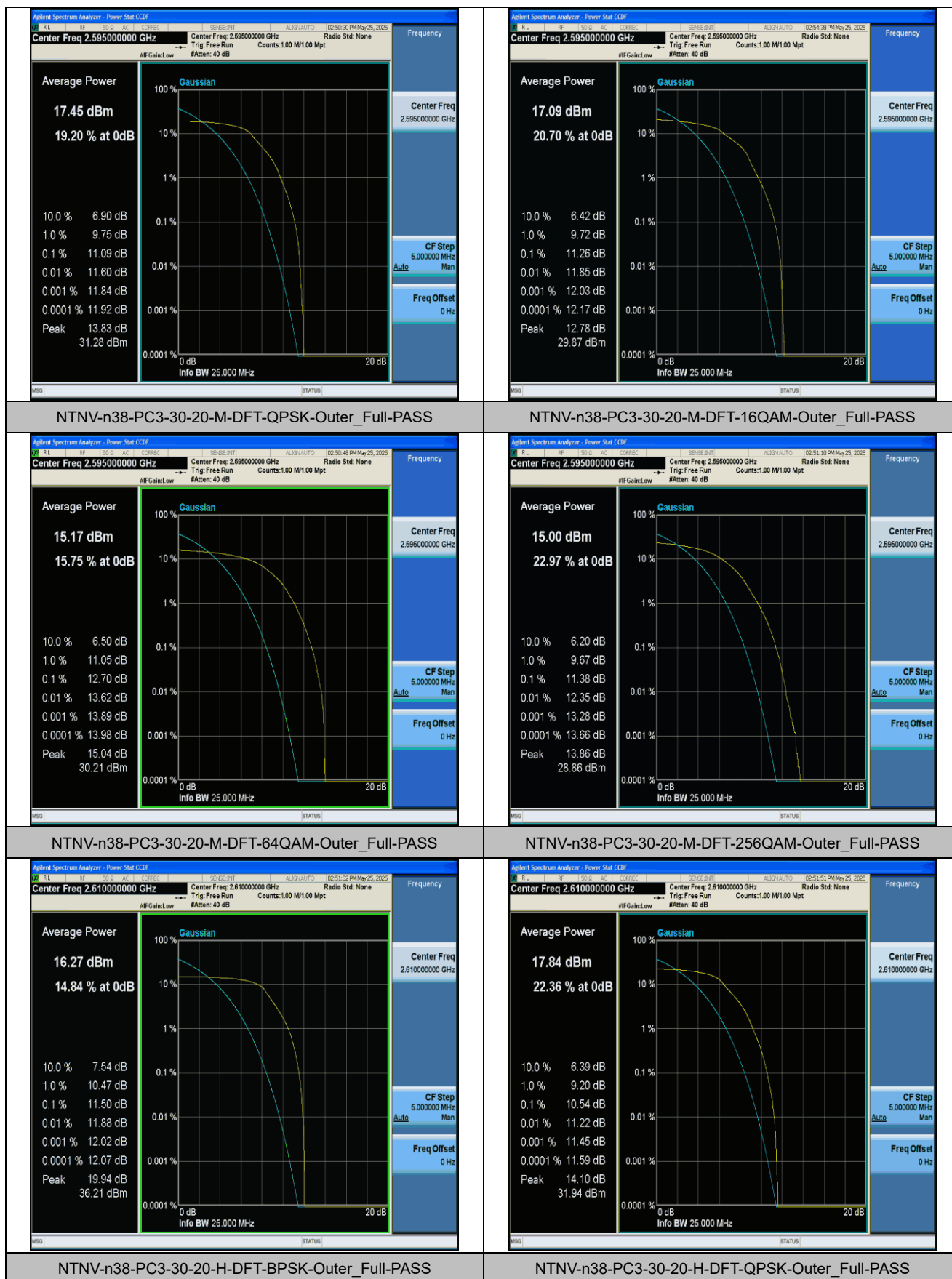
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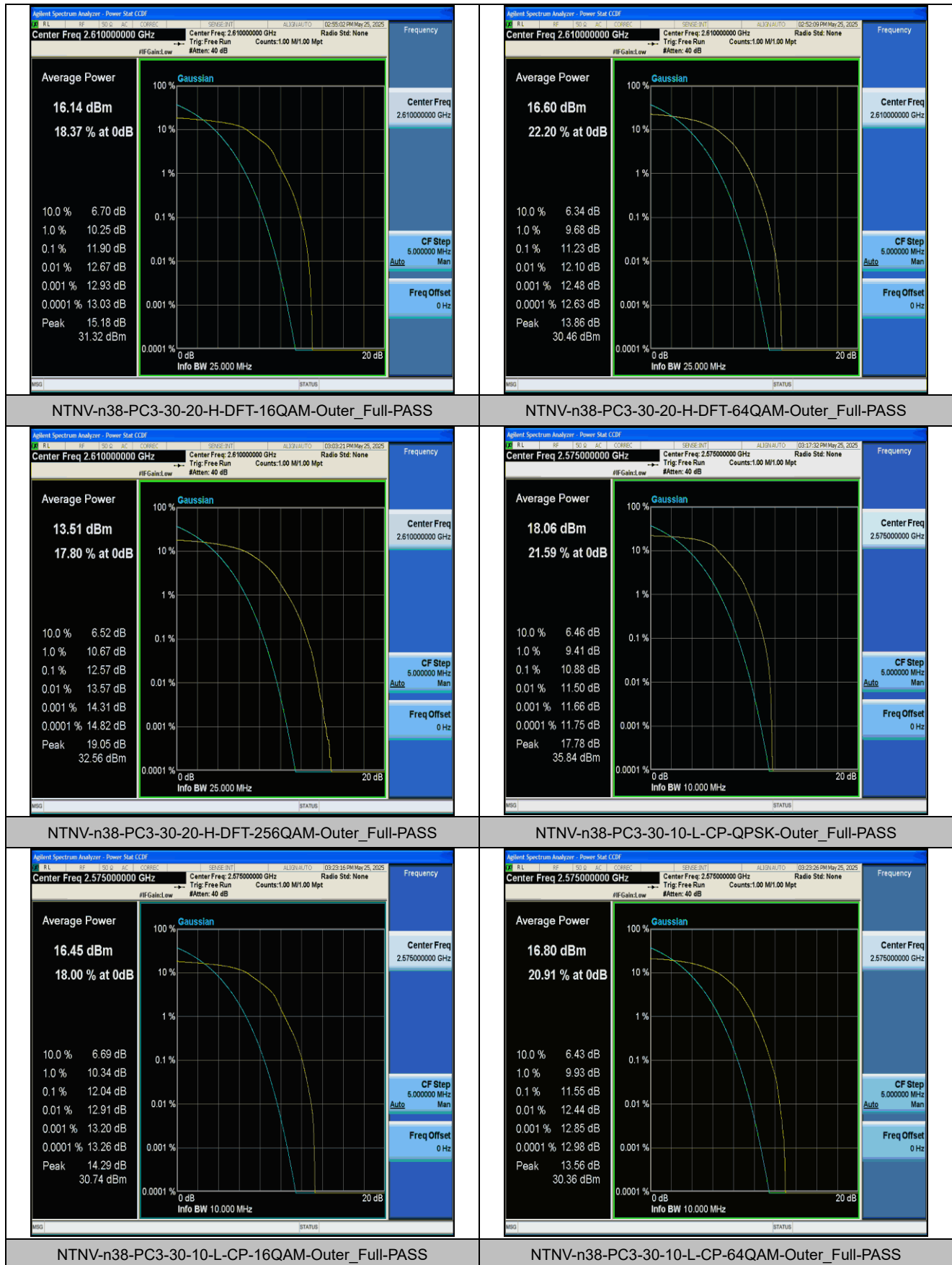


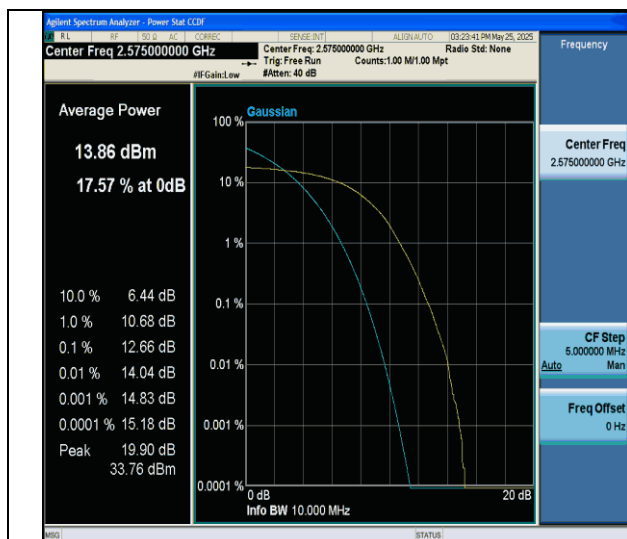
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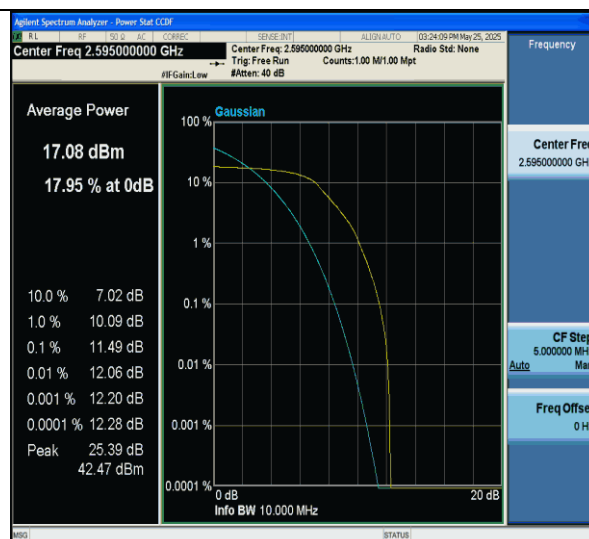




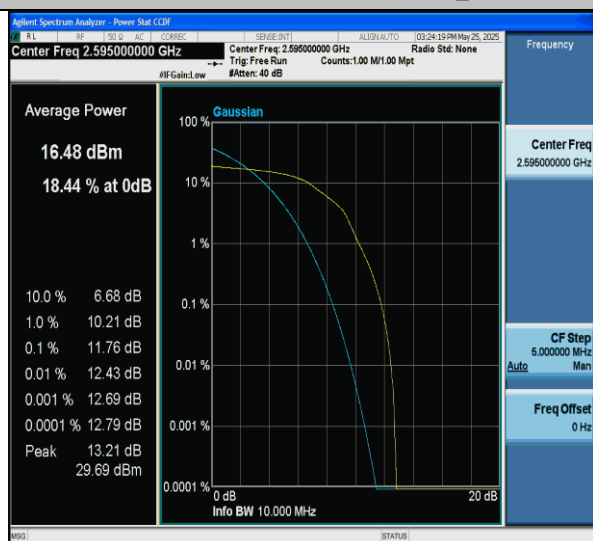




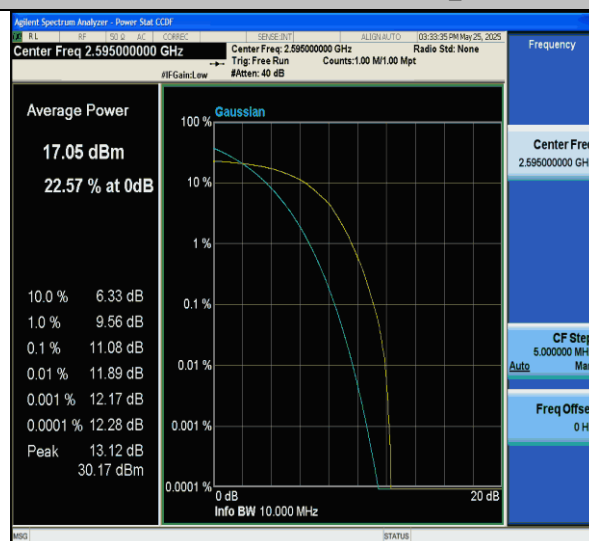
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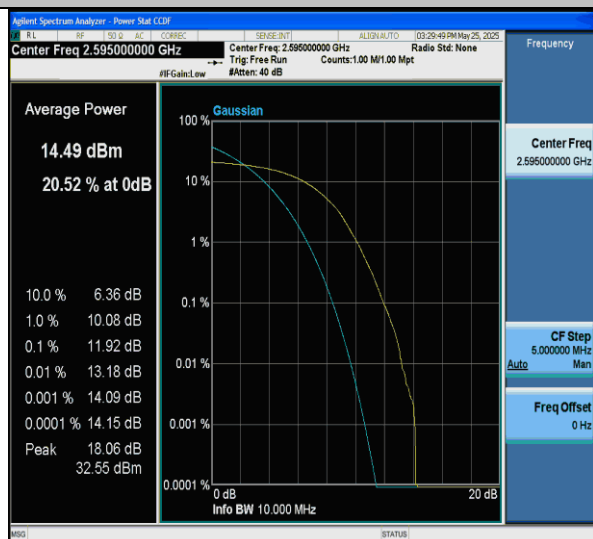
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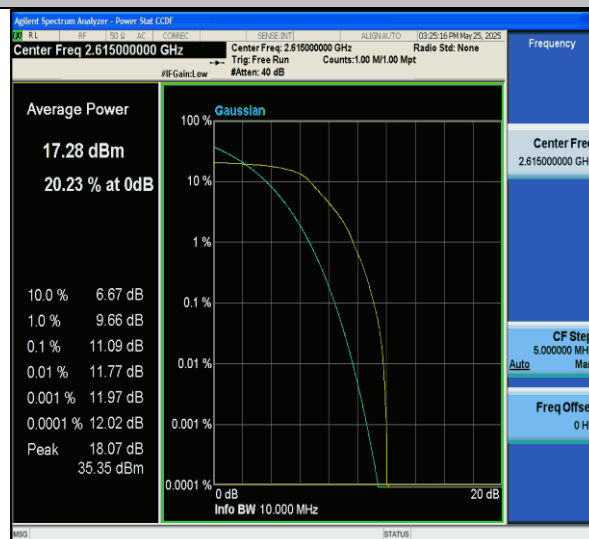
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NTNV-n38-PC3-30-10-M-CP-64QAM-Outer_Full-PASS



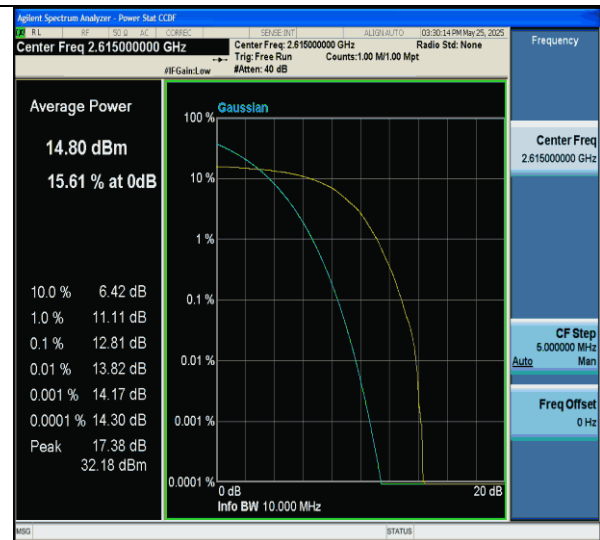
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NTNV-n38-PC3-30-10-H-CP-QPSK-Outer_Full-PASS



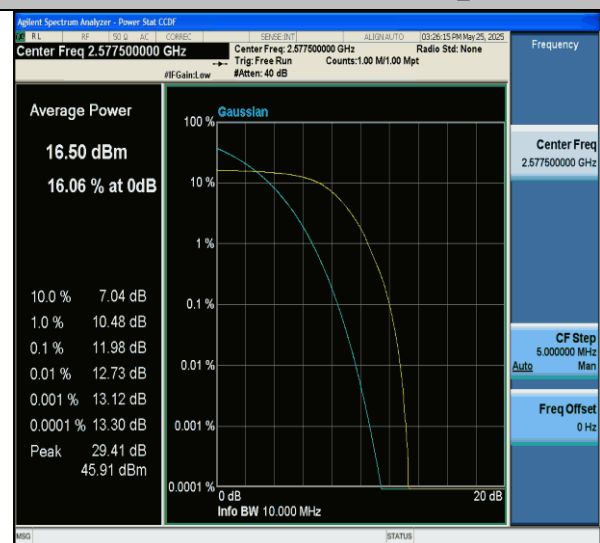
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NTNV-n38-PC3-30-10-H-CP-64QAM-Outer_Full-PASS



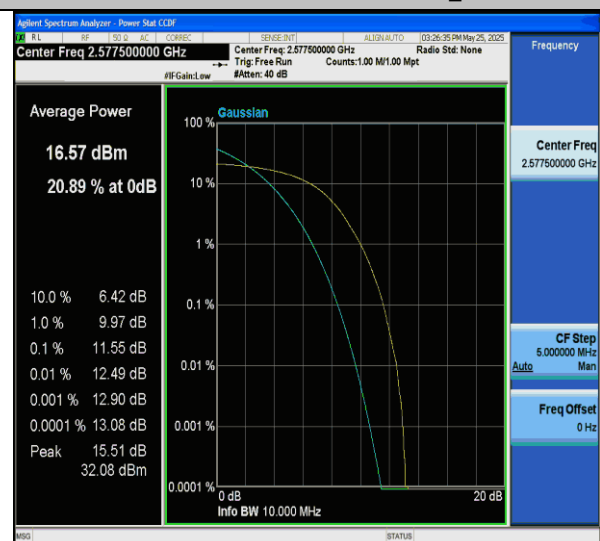
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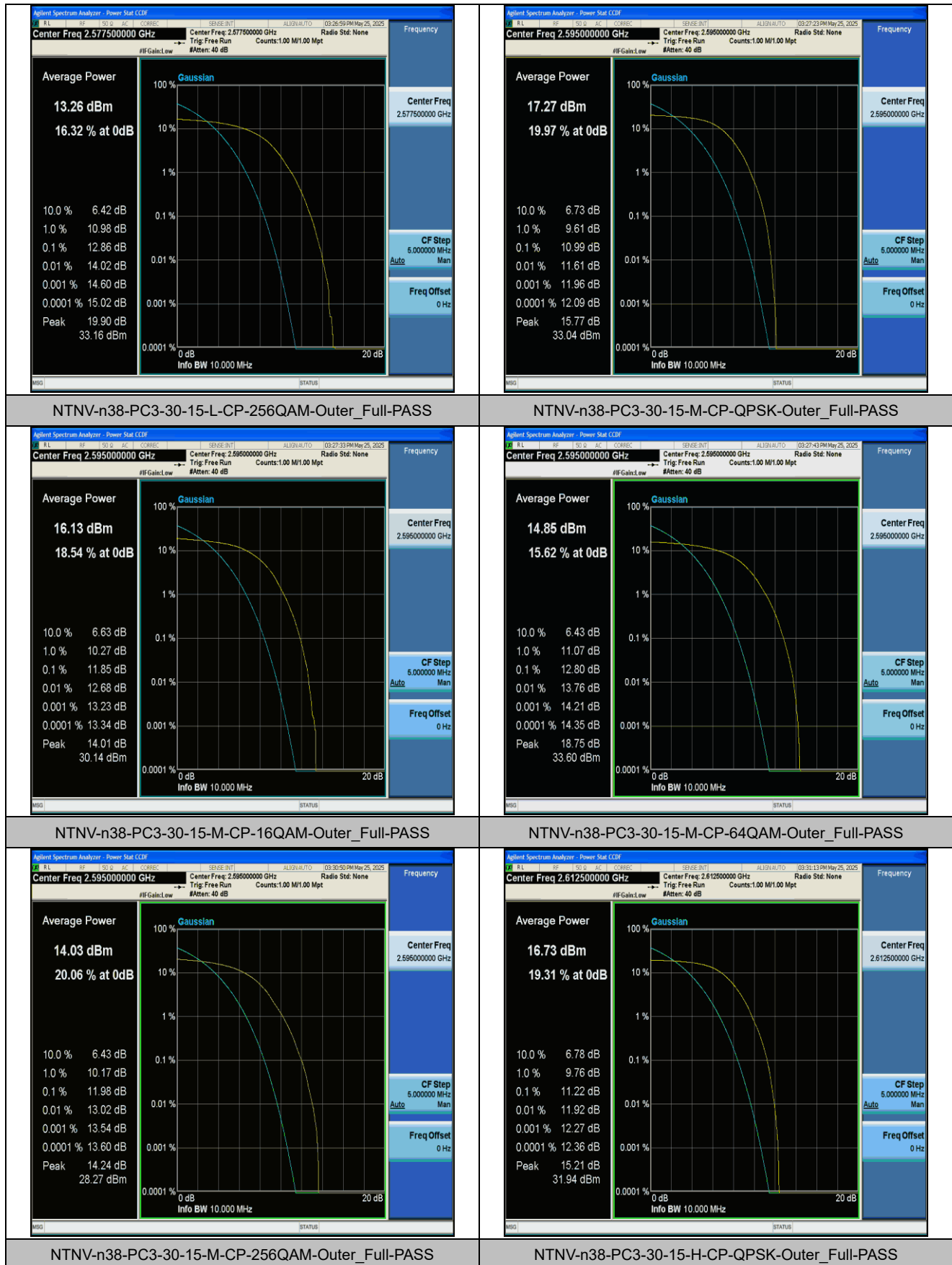
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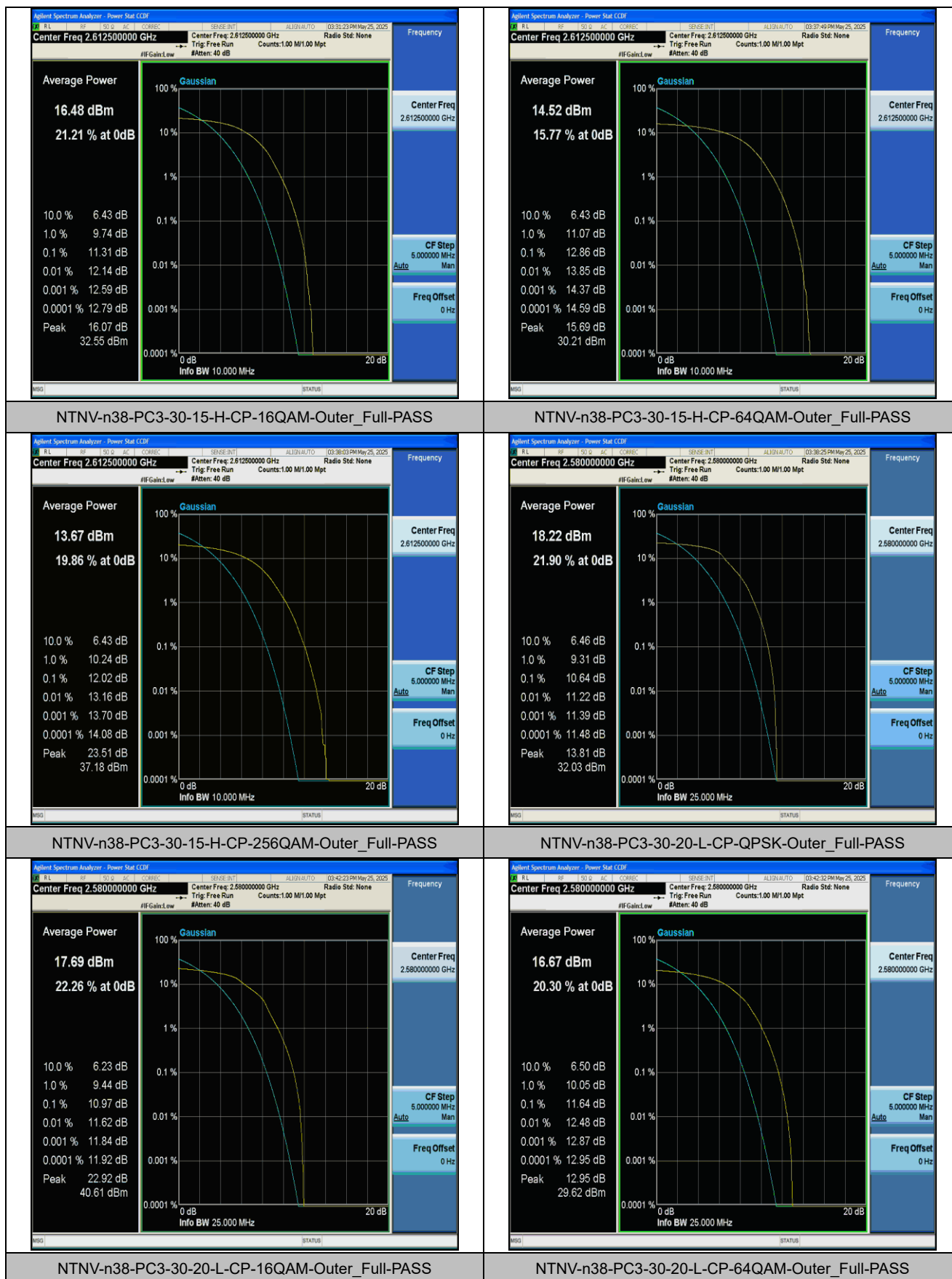


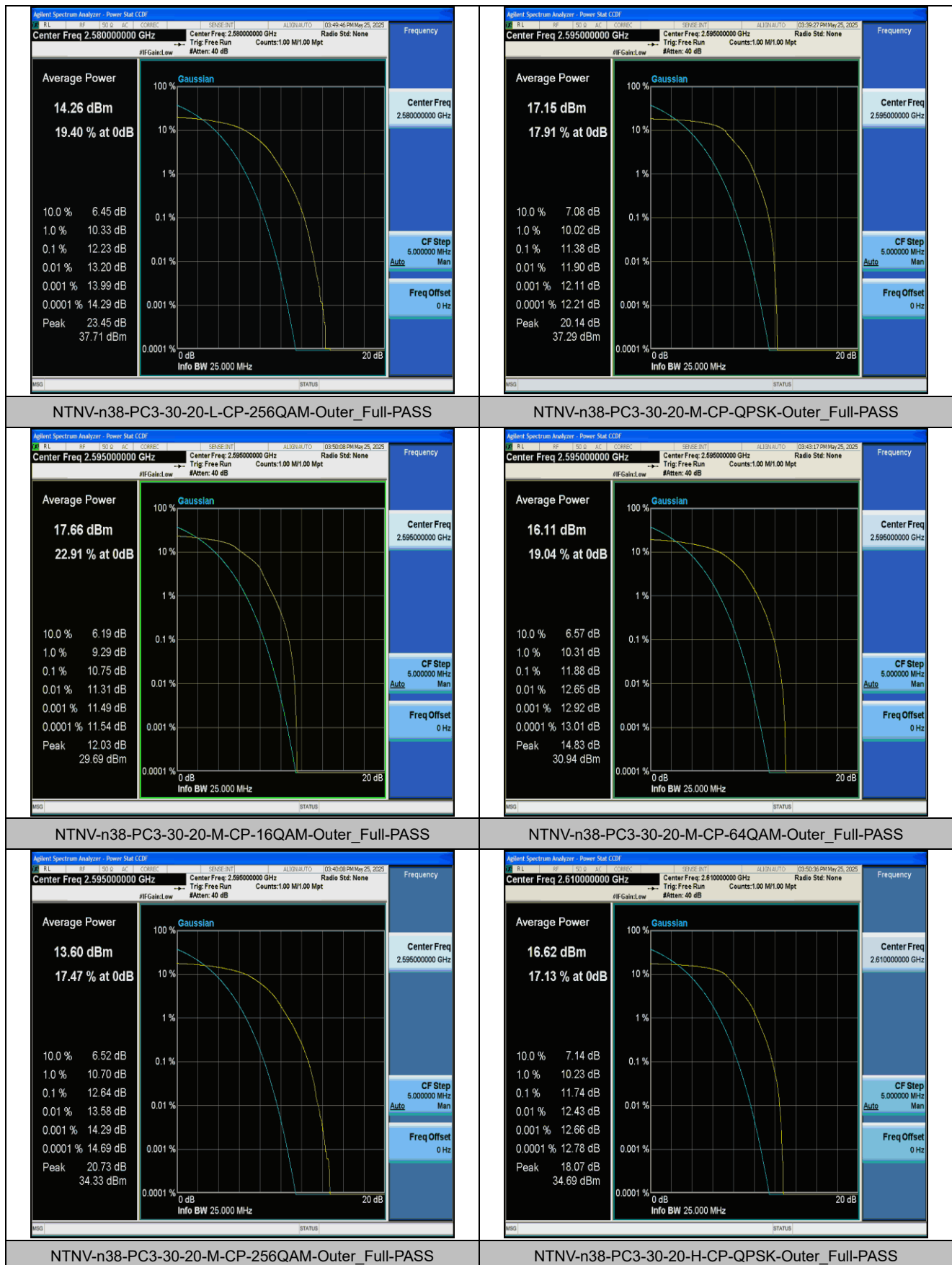
NTNV-n38-PC3-30-15-L-CP-16QAM-Outer_Full-PASS

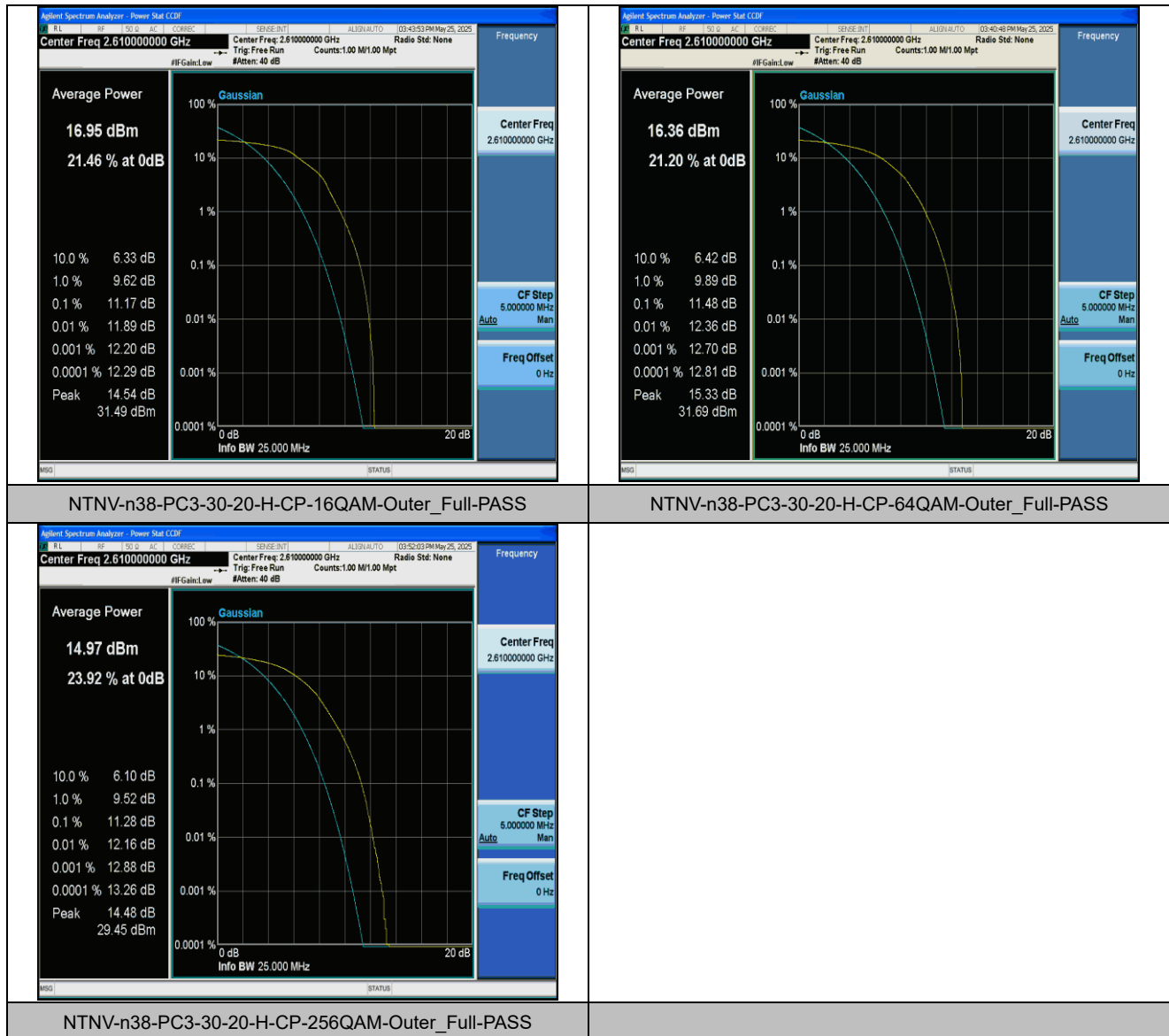


NTNV-n38-PC3-30-15-L-CP-64QAM-Outer_Full-PASS









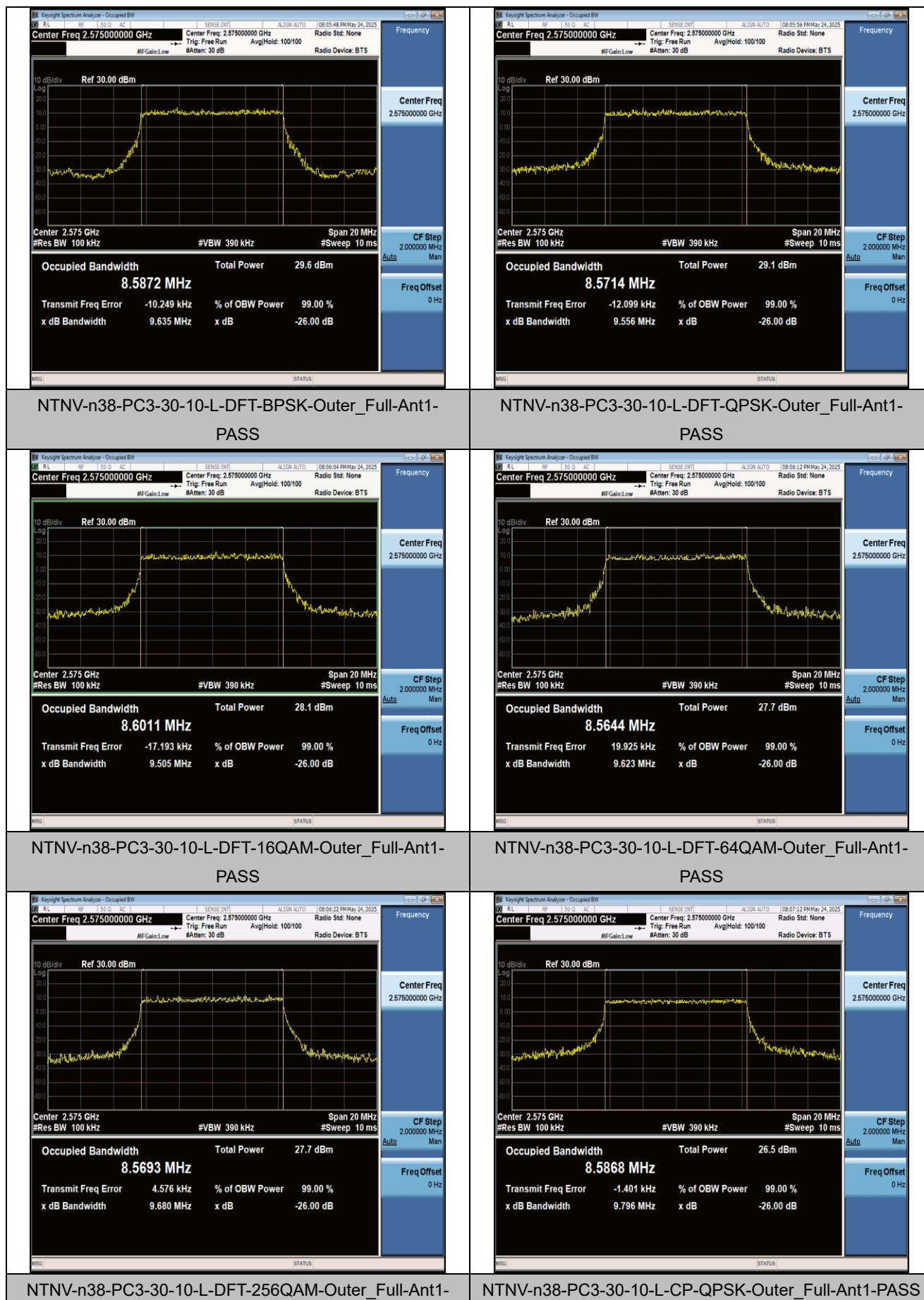
26dB Bandwidth and Occupied Bandwidth for SA

Test Result

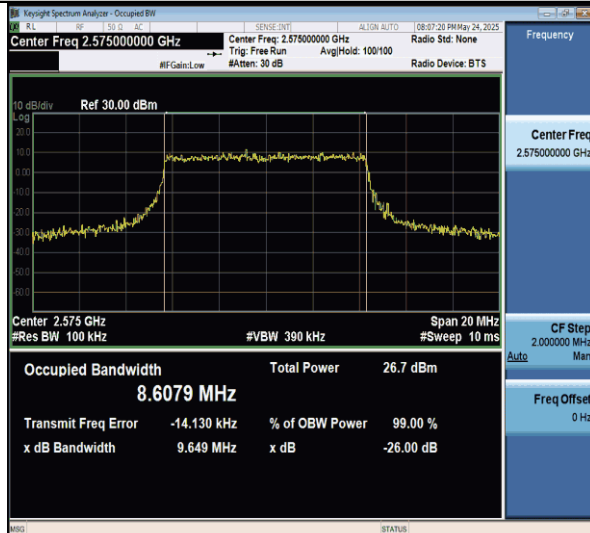
Band	SCS	Bandwidth	Modulation	Channel	RB Config	99% (MHz)	26dB (MHz)	Verdict
n38	30	10	DFT-BPSK	L	Outer_Full	8.5872	9.635	PASS
n38	30	10	DFT-QPSK	L	Outer_Full	8.5714	9.556	PASS
n38	30	10	DFT-16QAM	L	Outer_Full	8.6011	9.505	PASS
n38	30	10	DFT-64QAM	L	Outer_Full	8.5644	9.623	PASS
n38	30	10	DFT-256QAM	L	Outer_Full	8.5693	9.680	PASS
n38	30	10	CP-QPSK	L	Outer_Full	8.5868	9.796	PASS
n38	30	10	CP-16QAM	L	Outer_Full	8.6079	9.649	PASS
n38	30	10	CP-64QAM	L	Outer_Full	8.5833	9.698	PASS
n38	30	10	CP-256QAM	L	Outer_Full	8.5911	9.662	PASS
n38	30	10	DFT-BPSK	M	Outer_Full	8.6031	9.774	PASS
n38	30	10	DFT-QPSK	M	Outer_Full	8.5865	9.620	PASS
n38	30	10	DFT-16QAM	M	Outer_Full	8.5887	9.733	PASS
n38	30	10	DFT-64QAM	M	Outer_Full	8.5703	9.950	PASS
n38	30	10	DFT-256QAM	M	Outer_Full	8.5804	9.715	PASS
n38	30	10	CP-QPSK	M	Outer_Full	8.5763	10.04	PASS
n38	30	10	CP-16QAM	M	Outer_Full	8.5875	9.892	PASS
n38	30	10	CP-64QAM	M	Outer_Full	8.5834	9.760	PASS
n38	30	10	CP-256QAM	M	Outer_Full	8.5893	9.796	PASS
n38	30	10	DFT-BPSK	H	Outer_Full	8.6036	9.613	PASS
n38	30	10	DFT-QPSK	H	Outer_Full	8.5645	9.599	PASS
n38	30	10	DFT-16QAM	H	Outer_Full	8.6030	9.820	PASS
n38	30	10	DFT-64QAM	H	Outer_Full	8.5830	9.640	PASS
n38	30	10	DFT-256QAM	H	Outer_Full	8.5734	9.671	PASS
n38	30	10	CP-QPSK	H	Outer_Full	8.5820	9.787	PASS
n38	30	10	CP-16QAM	H	Outer_Full	8.6078	9.772	PASS
n38	30	10	CP-64QAM	H	Outer_Full	8.5886	9.569	PASS
n38	30	10	CP-256QAM	H	Outer_Full	8.5840	9.844	PASS
n38	30	15	DFT-BPSK	L	Outer_Full	12.838	14.01	PASS
n38	30	15	DFT-QPSK	L	Outer_Full	12.827	14.10	PASS
n38	30	15	DFT-16QAM	L	Outer_Full	12.870	14.32	PASS
n38	30	15	DFT-64QAM	L	Outer_Full	12.861	14.21	PASS
n38	30	15	DFT-256QAM	L	Outer_Full	12.858	14.39	PASS
n38	30	15	CP-QPSK	L	Outer_Full	13.604	15.01	PASS
n38	30	15	CP-16QAM	L	Outer_Full	13.585	15.31	PASS
n38	30	15	CP-64QAM	L	Outer_Full	13.575	14.63	PASS
n38	30	15	CP-256QAM	L	Outer_Full	13.565	14.97	PASS
n38	30	15	DFT-BPSK	M	Outer_Full	12.878	14.32	PASS
n38	30	15	DFT-QPSK	M	Outer_Full	12.860	14.18	PASS
n38	30	15	DFT-16QAM	M	Outer_Full	12.803	13.86	PASS

n38	30	15	DFT-64QAM	M	Outer_Full	12.845	14.32	PASS
n38	30	15	DFT-256QAM	M	Outer_Full	12.868	14.21	PASS
n38	30	15	CP-QPSK	M	Outer_Full	13.582	15.07	PASS
n38	30	15	CP-16QAM	M	Outer_Full	13.591	14.99	PASS
n38	30	15	CP-64QAM	M	Outer_Full	13.580	15.00	PASS
n38	30	15	CP-256QAM	M	Outer_Full	13.561	14.99	PASS
n38	30	15	DFT-BPSK	H	Outer_Full	12.846	13.96	PASS
n38	30	15	DFT-QPSK	H	Outer_Full	12.835	14.21	PASS
n38	30	15	DFT-16QAM	H	Outer_Full	12.830	14.26	PASS
n38	30	15	DFT-64QAM	H	Outer_Full	12.853	14.21	PASS
n38	30	15	DFT-256QAM	H	Outer_Full	12.867	14.20	PASS
n38	30	15	CP-QPSK	H	Outer_Full	13.594	15.08	PASS
n38	30	15	CP-16QAM	H	Outer_Full	13.588	15.11	PASS
n38	30	15	CP-64QAM	H	Outer_Full	13.583	14.71	PASS
n38	30	15	CP-256QAM	H	Outer_Full	13.577	14.83	PASS
n38	30	20	DFT-BPSK	L	Outer_Full	17.786	19.01	PASS
n38	30	20	DFT-QPSK	L	Outer_Full	17.837	19.37	PASS
n38	30	20	DFT-16QAM	L	Outer_Full	17.870	19.28	PASS
n38	30	20	DFT-64QAM	L	Outer_Full	17.832	19.56	PASS
n38	30	20	DFT-256QAM	L	Outer_Full	17.850	19.40	PASS
n38	30	20	CP-QPSK	L	Outer_Full	18.256	19.75	PASS
n38	30	20	CP-16QAM	L	Outer_Full	18.173	19.79	PASS
n38	30	20	CP-64QAM	L	Outer_Full	18.218	19.79	PASS
n38	30	20	CP-256QAM	L	Outer_Full	18.232	19.90	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	17.780	18.97	PASS
n38	30	20	DFT-QPSK	M	Outer_Full	17.826	19.16	PASS
n38	30	20	DFT-16QAM	M	Outer_Full	17.884	19.17	PASS
n38	30	20	DFT-64QAM	M	Outer_Full	17.841	19.35	PASS
n38	30	20	DFT-256QAM	M	Outer_Full	17.832	19.23	PASS
n38	30	20	CP-QPSK	M	Outer_Full	18.219	20.05	PASS
n38	30	20	CP-16QAM	M	Outer_Full	18.172	19.82	PASS
n38	30	20	CP-64QAM	M	Outer_Full	18.246	20.03	PASS
n38	30	20	CP-256QAM	M	Outer_Full	18.259	19.95	PASS
n38	30	20	DFT-BPSK	H	Outer_Full	17.808	19.29	PASS
n38	30	20	DFT-QPSK	H	Outer_Full	17.845	19.14	PASS
n38	30	20	DFT-16QAM	H	Outer_Full	17.878	19.19	PASS
n38	30	20	DFT-64QAM	H	Outer_Full	17.821	19.22	PASS
n38	30	20	DFT-256QAM	H	Outer_Full	17.826	19.04	PASS
n38	30	20	CP-QPSK	H	Outer_Full	18.214	20.05	PASS
n38	30	20	CP-16QAM	H	Outer_Full	18.257	19.90	PASS
n38	30	20	CP-64QAM	H	Outer_Full	18.194	20.07	PASS
n38	30	20	CP-256QAM	H	Outer_Full	18.270	19.79	PASS

Test Graphs

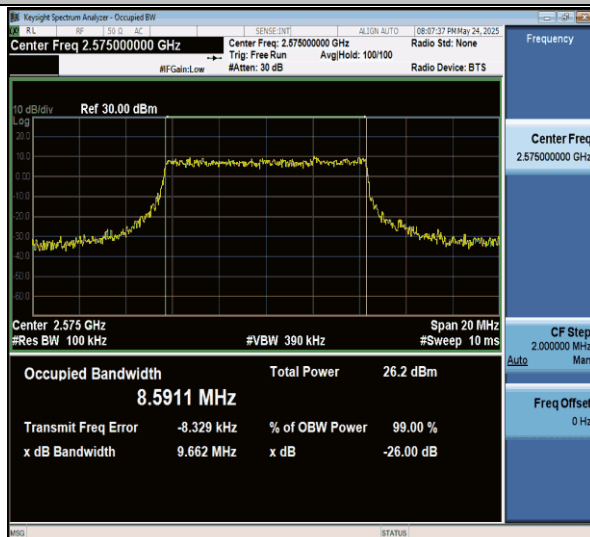


PASS



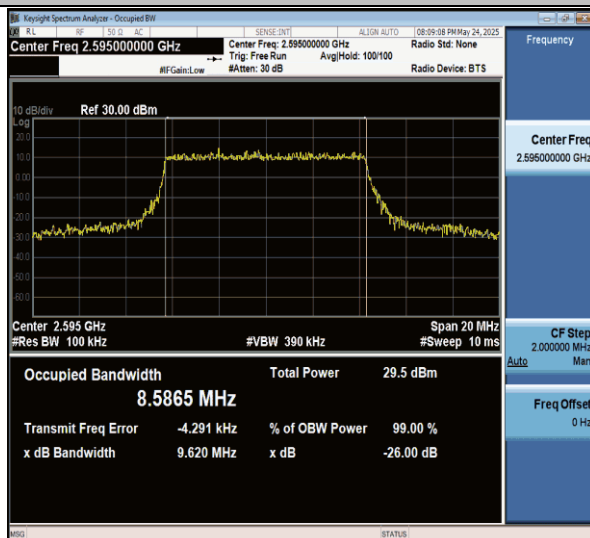
NTNV-n38-PC3-30-10-L-CP-16QAM-Outer_Full-Ant1-

PASS



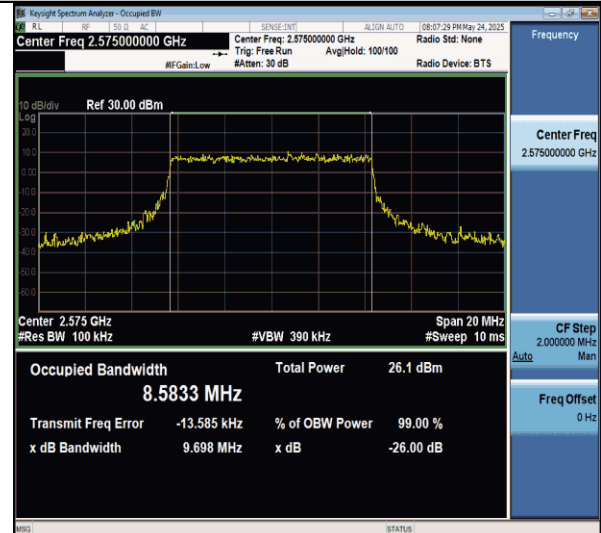
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PASS



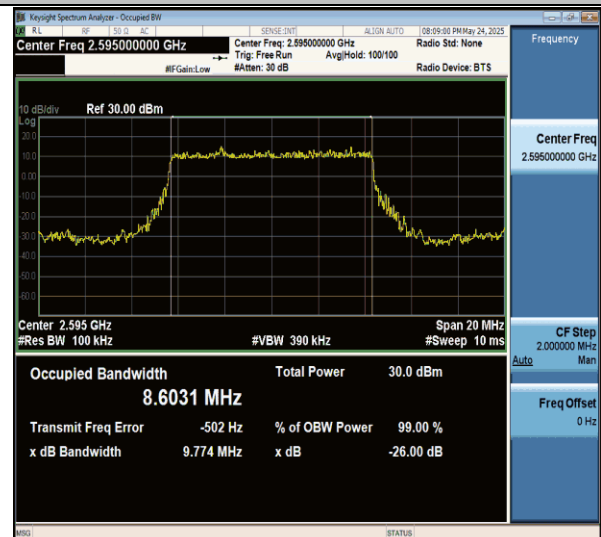
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PASS



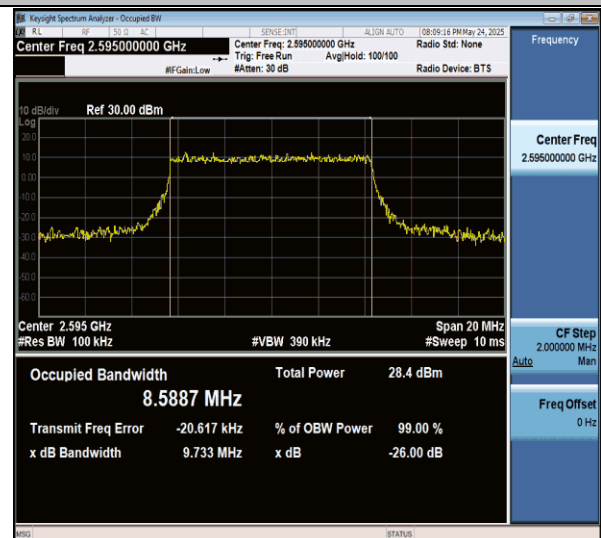
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PASS



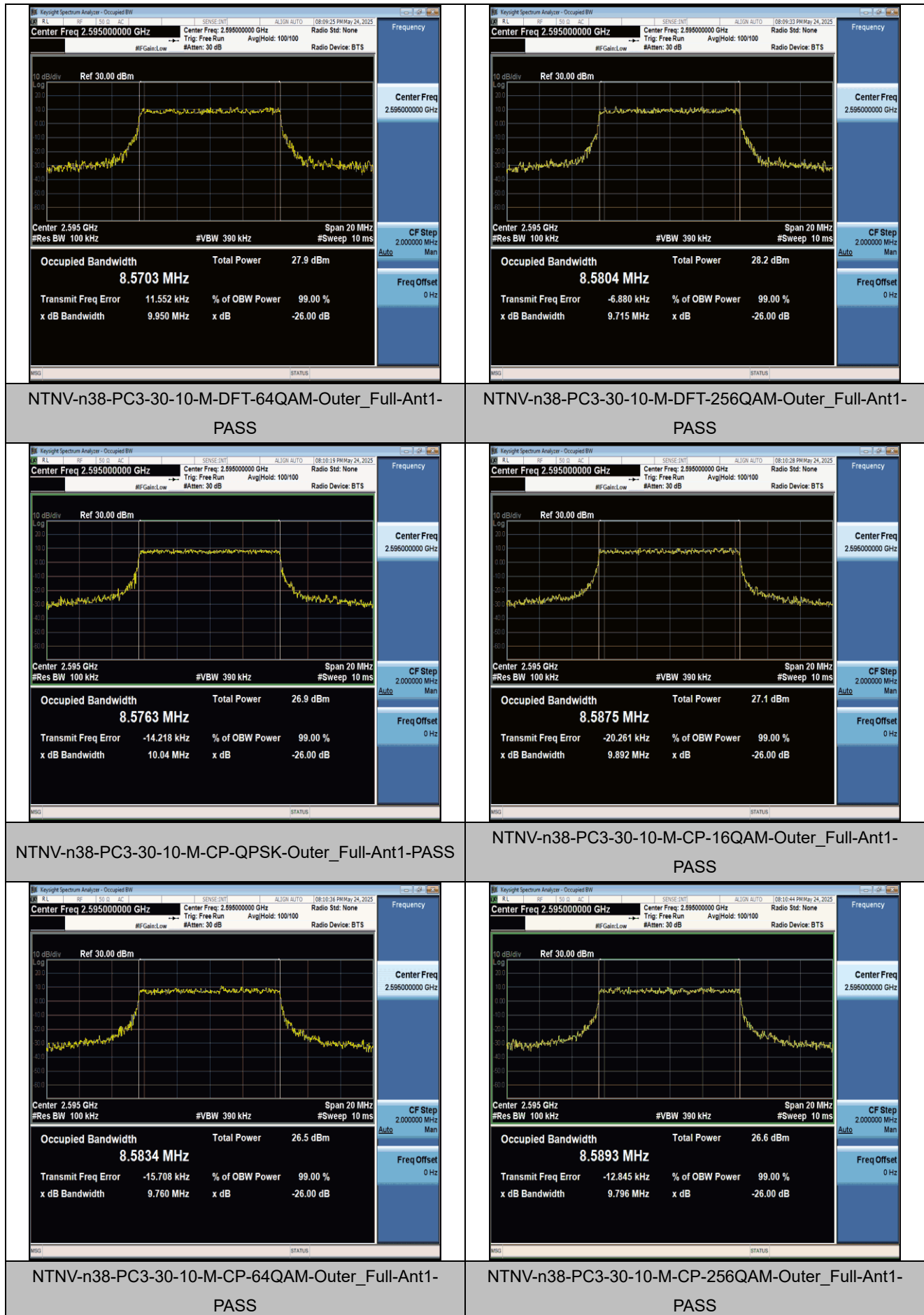
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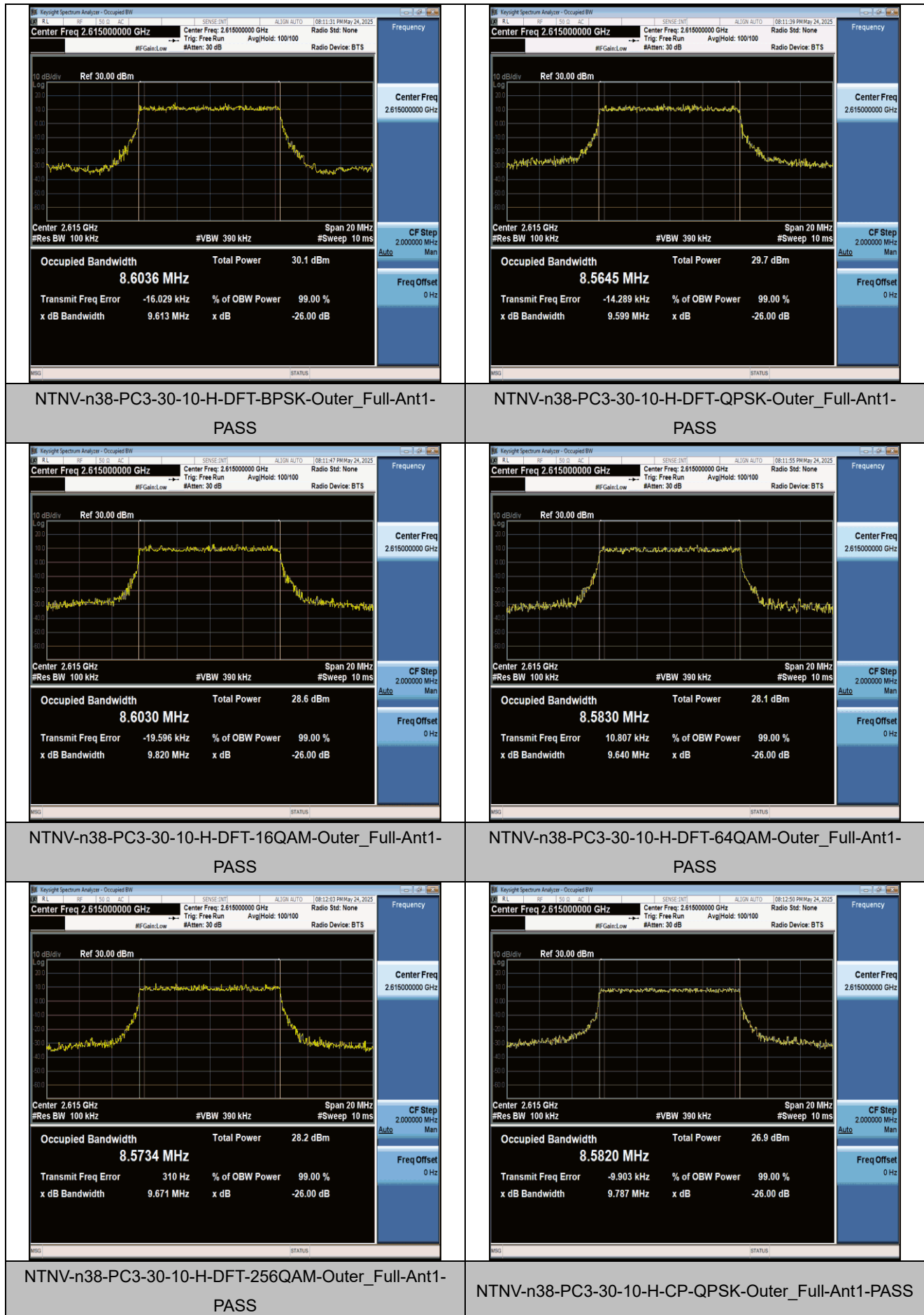
PASS

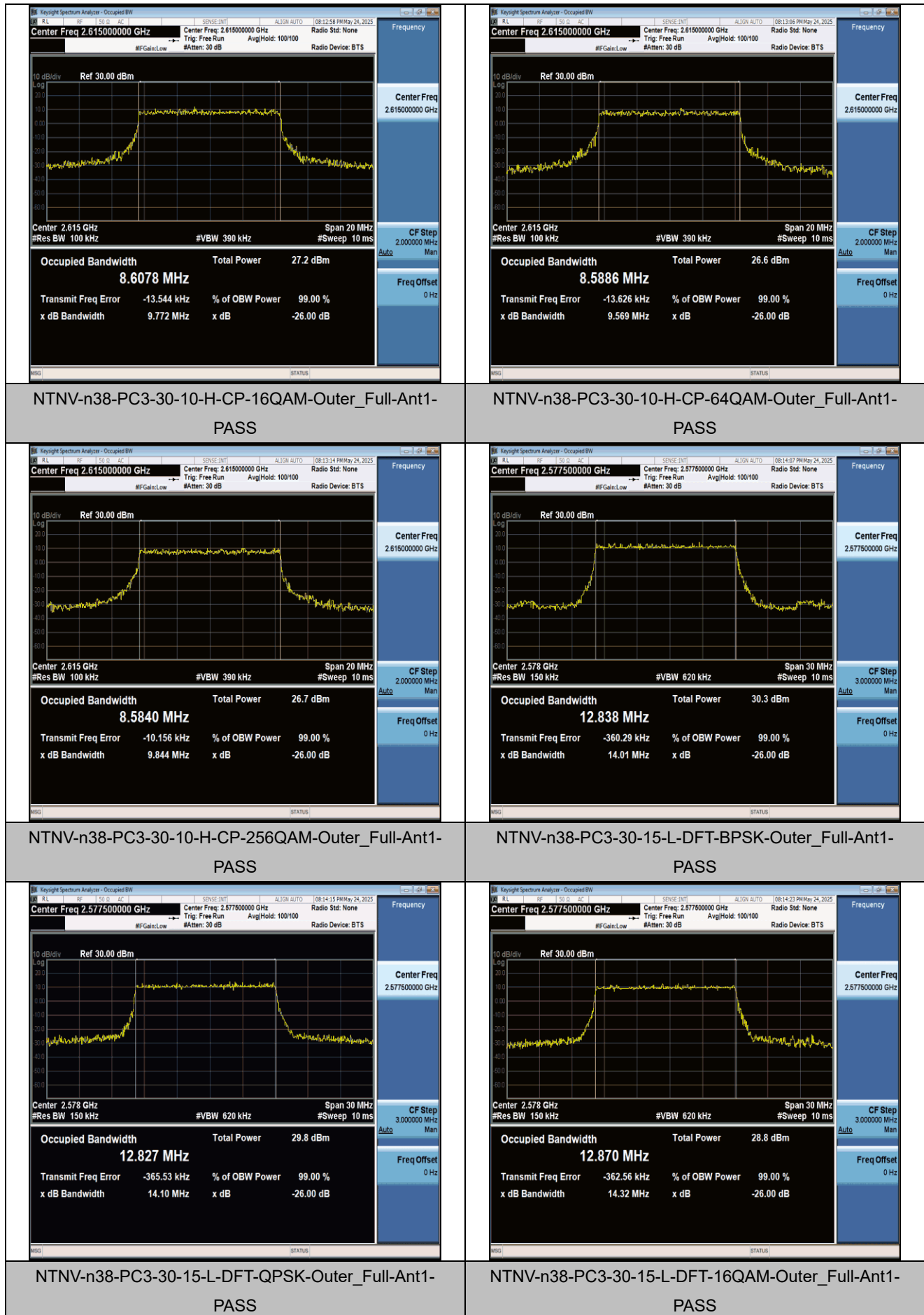


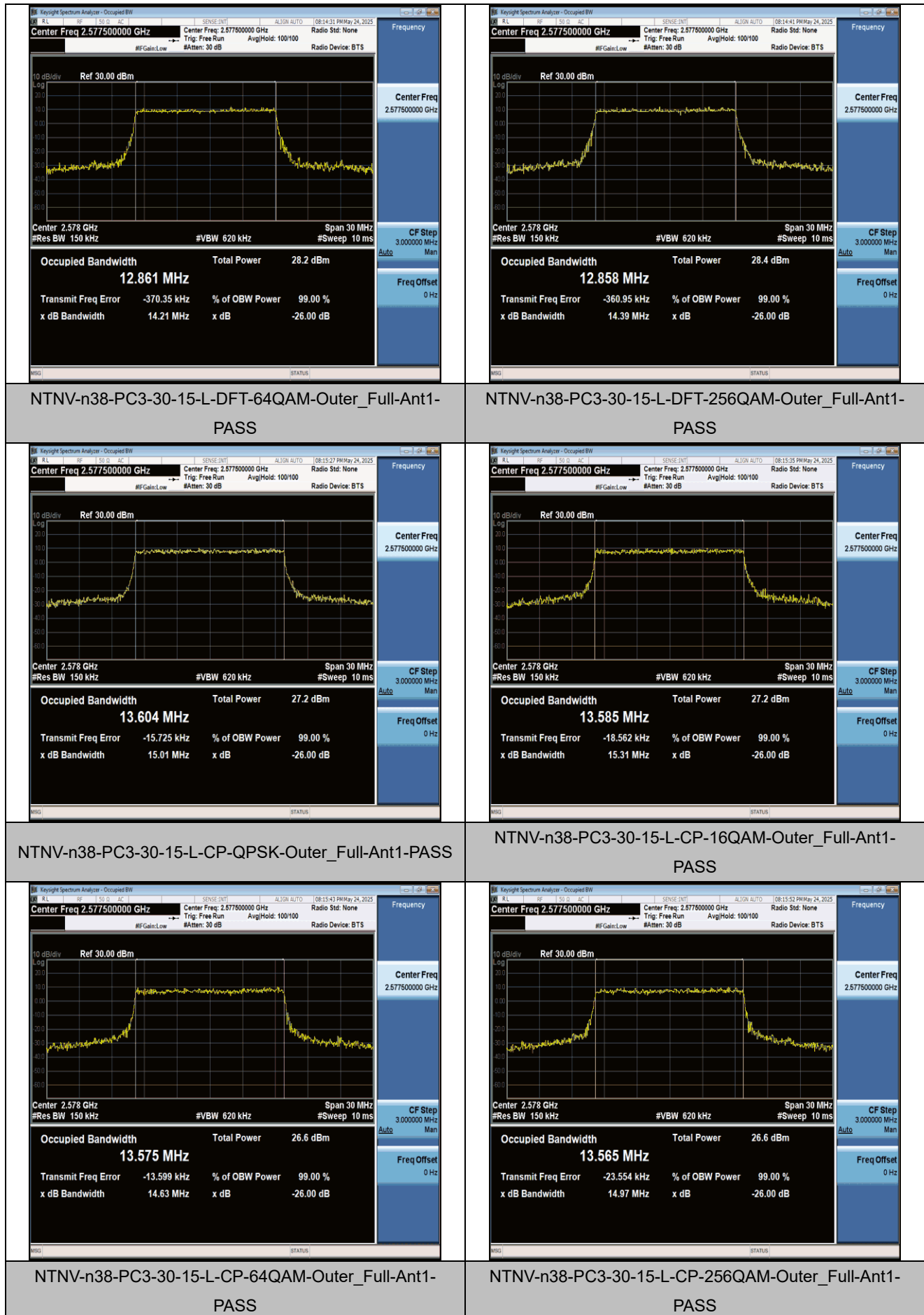
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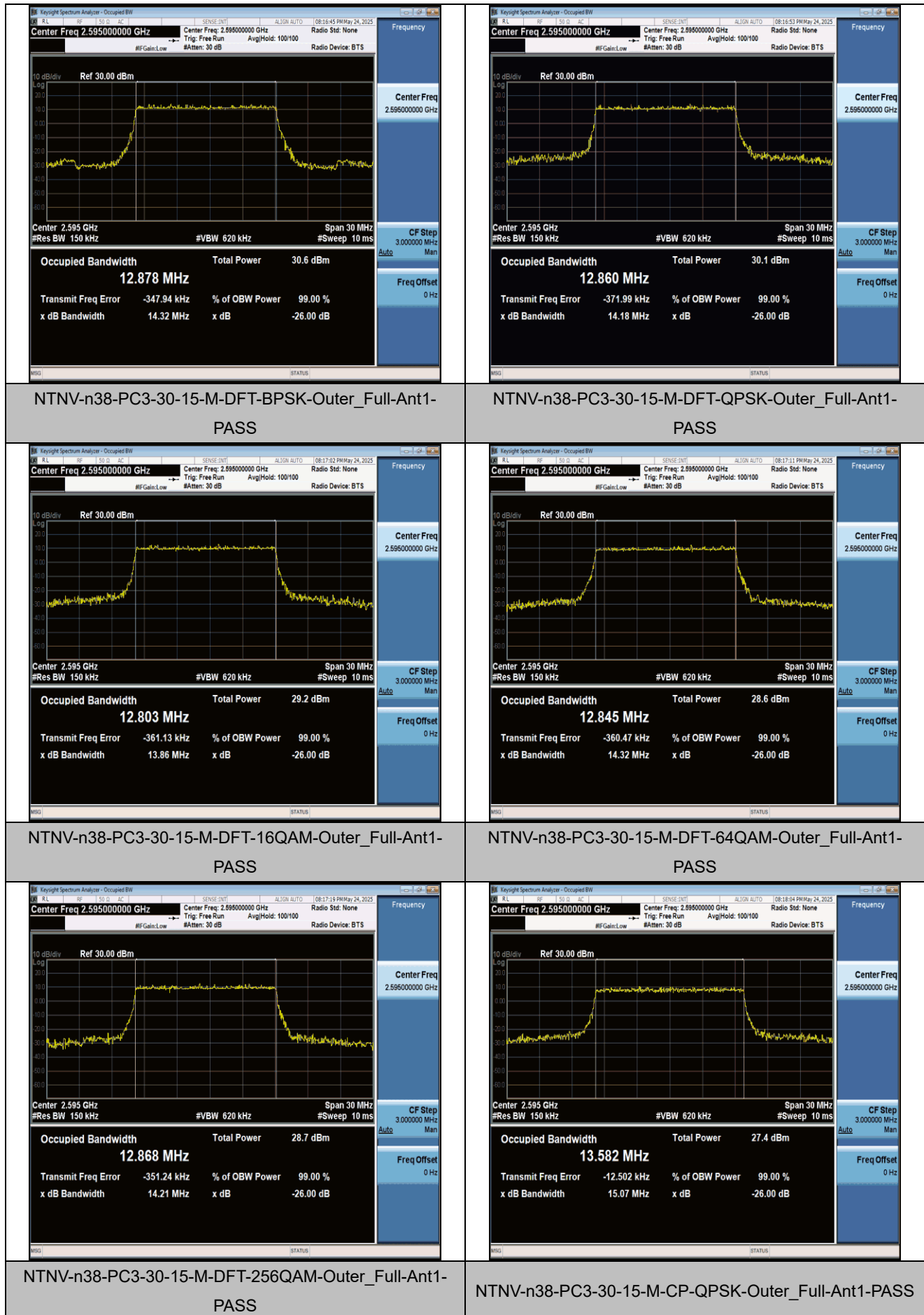
PASS

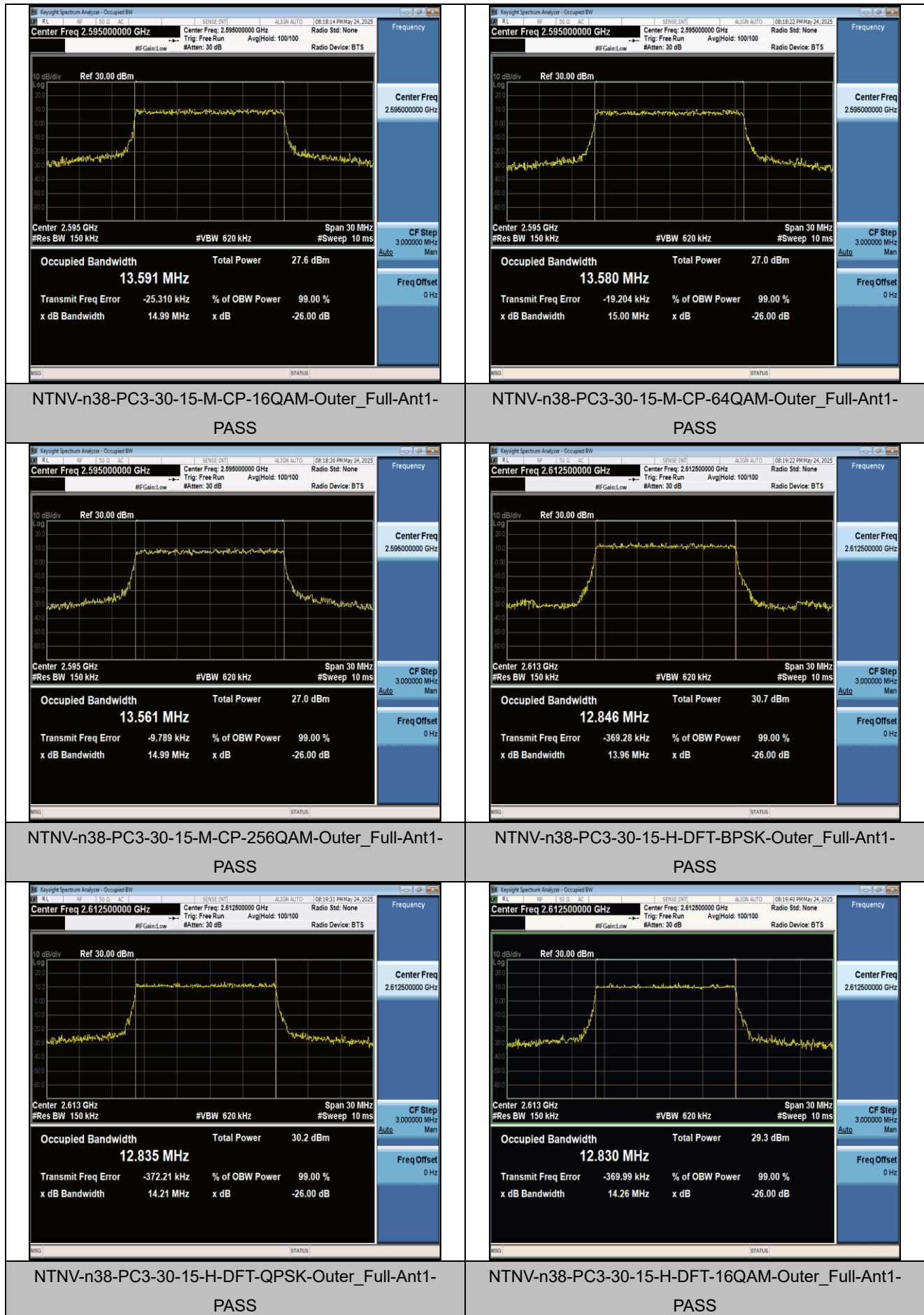


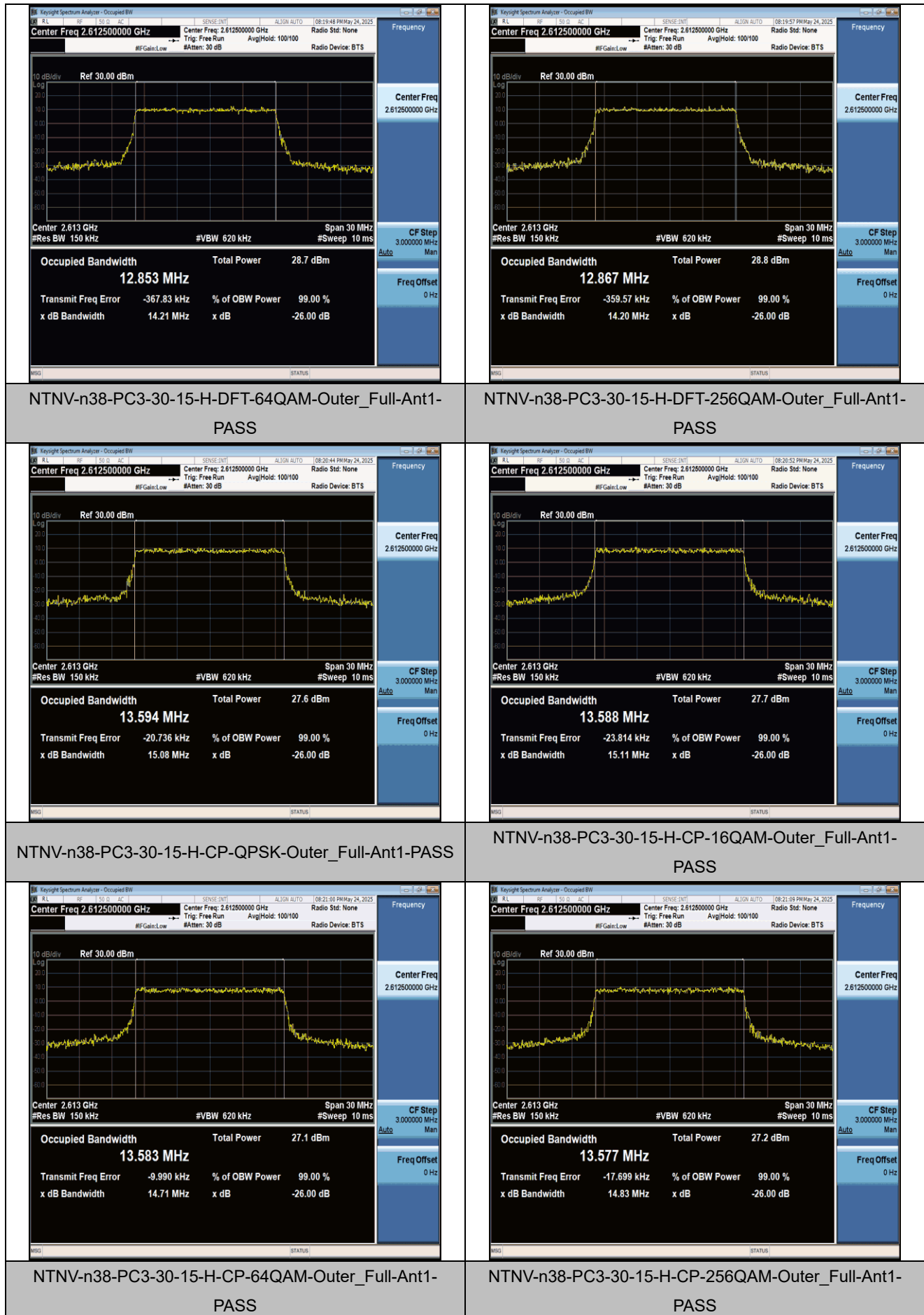


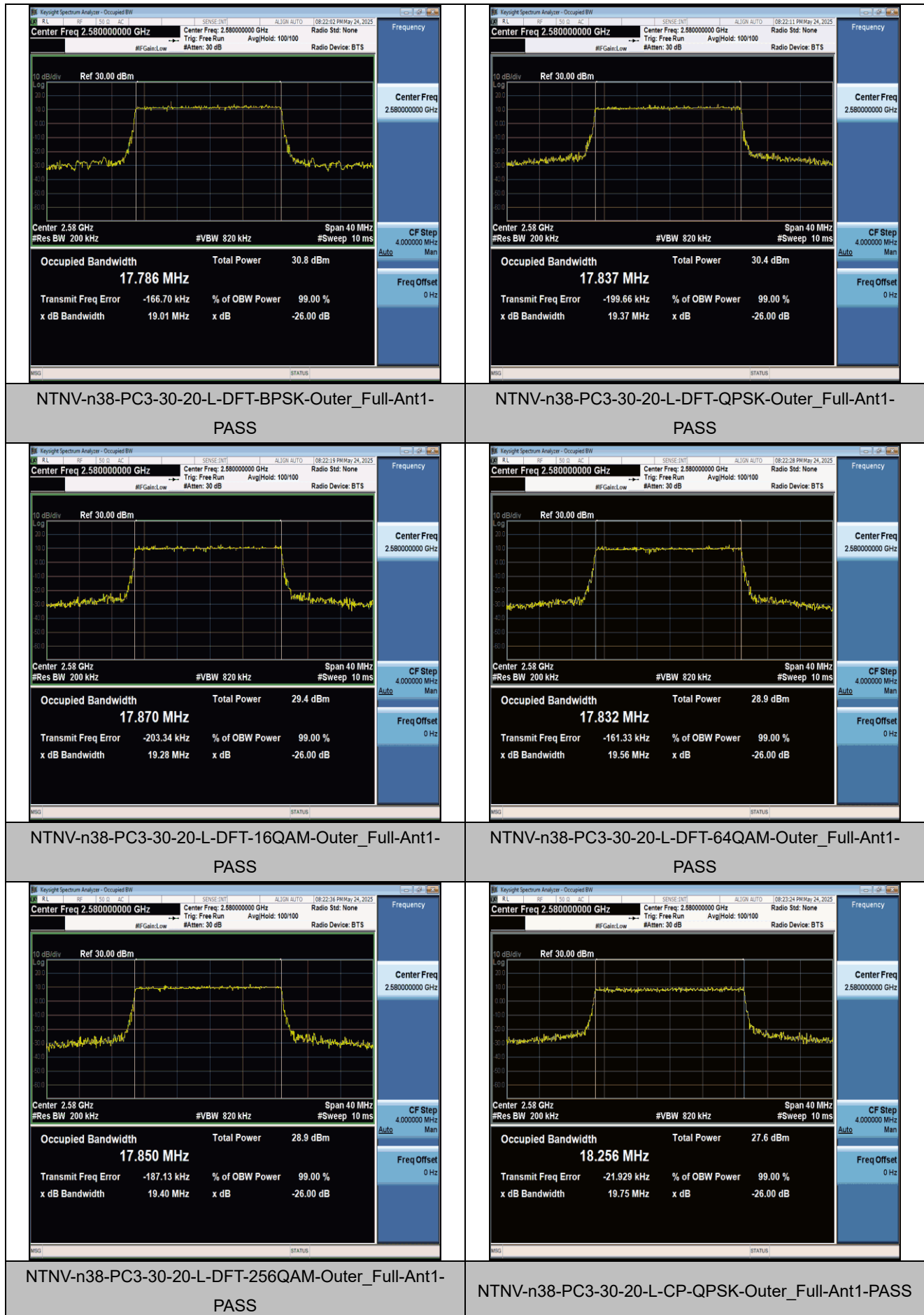


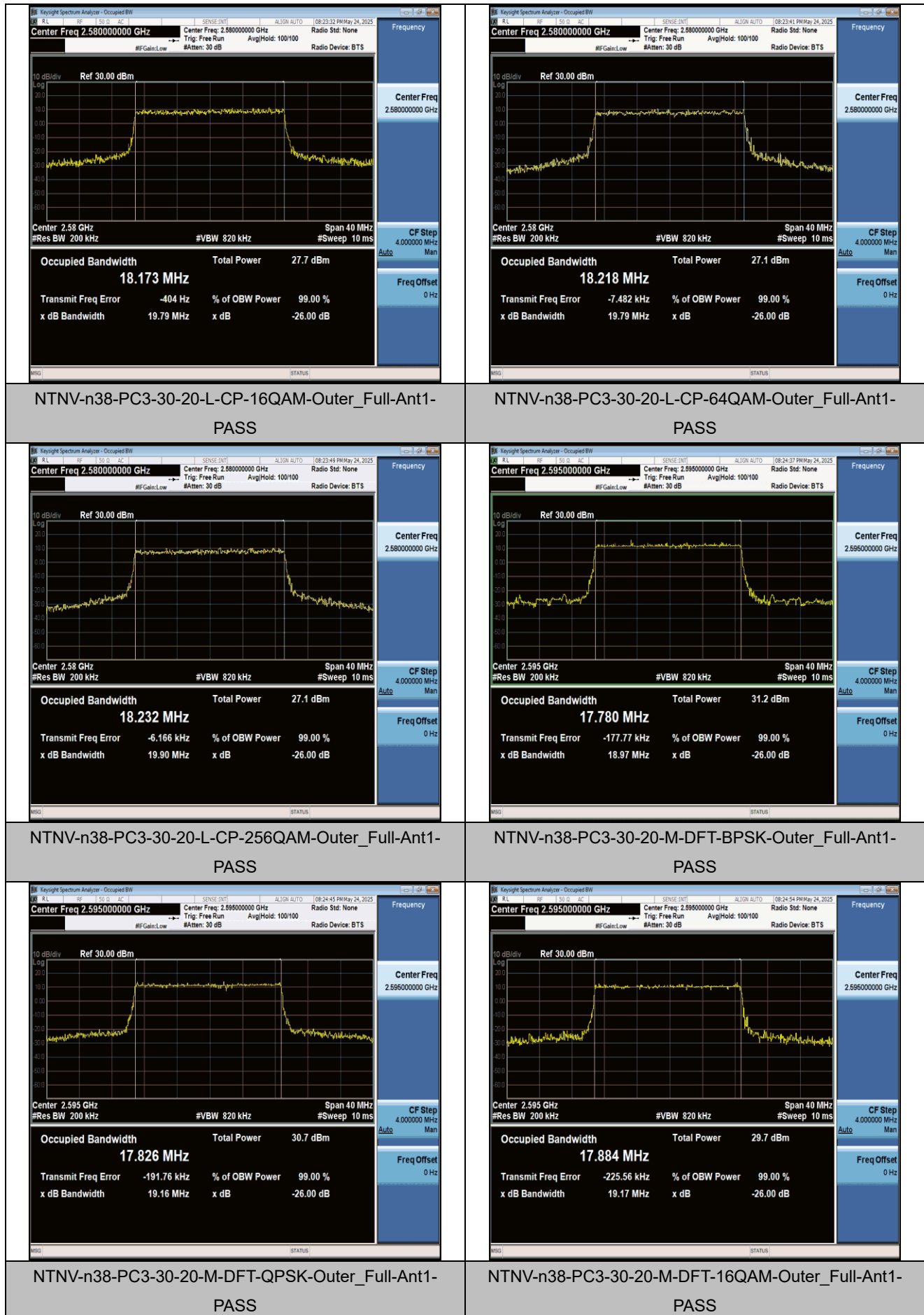


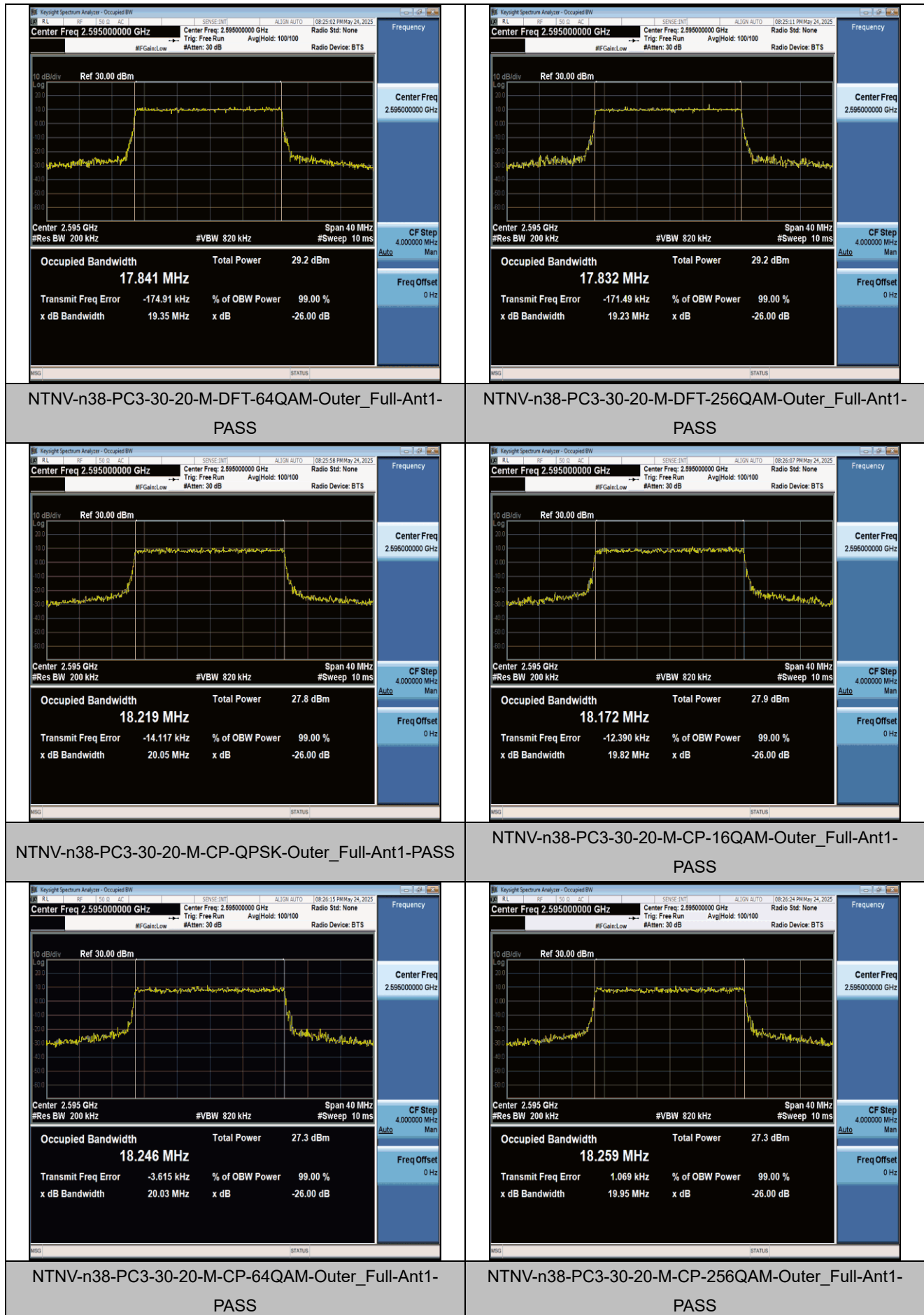


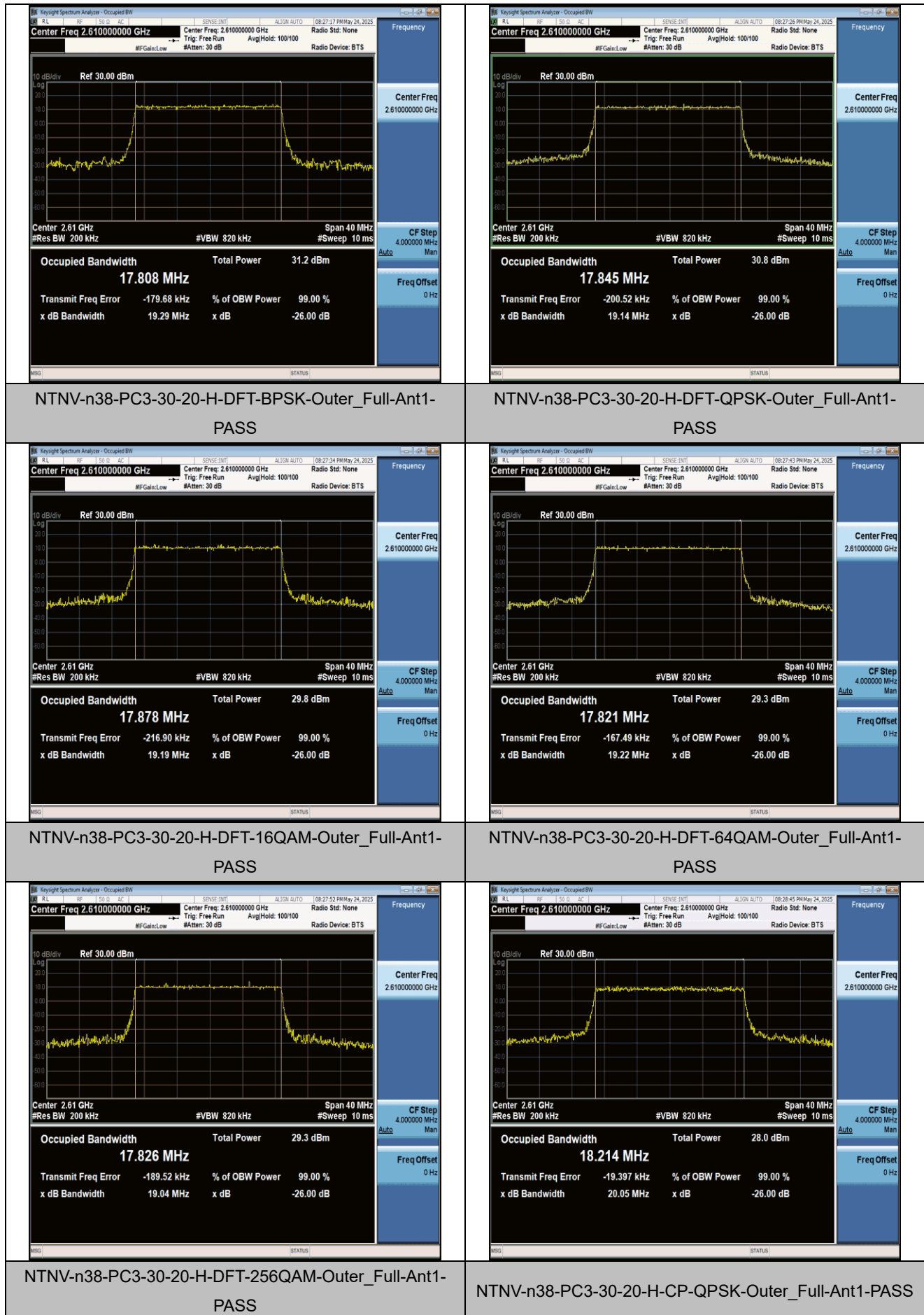


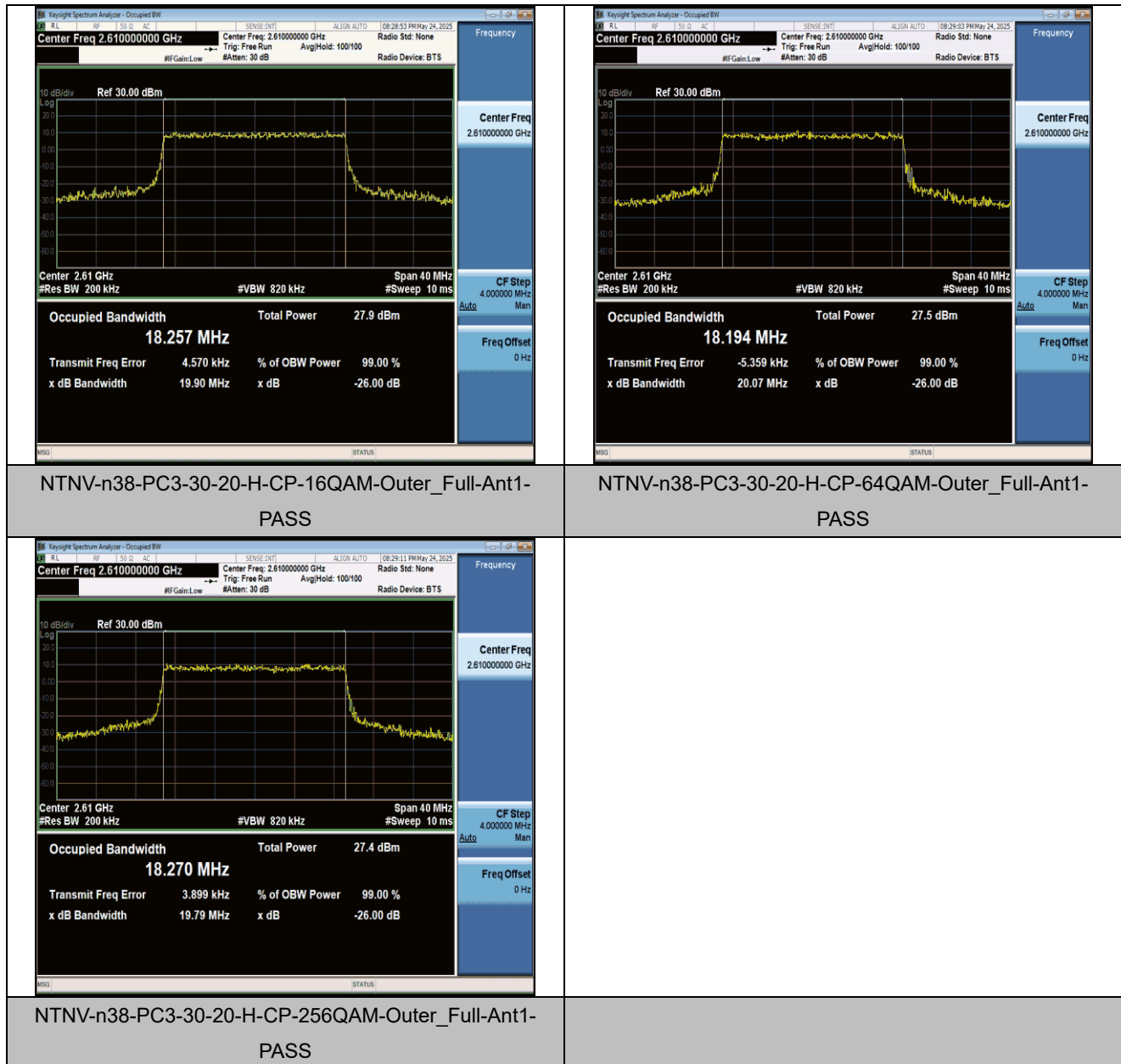






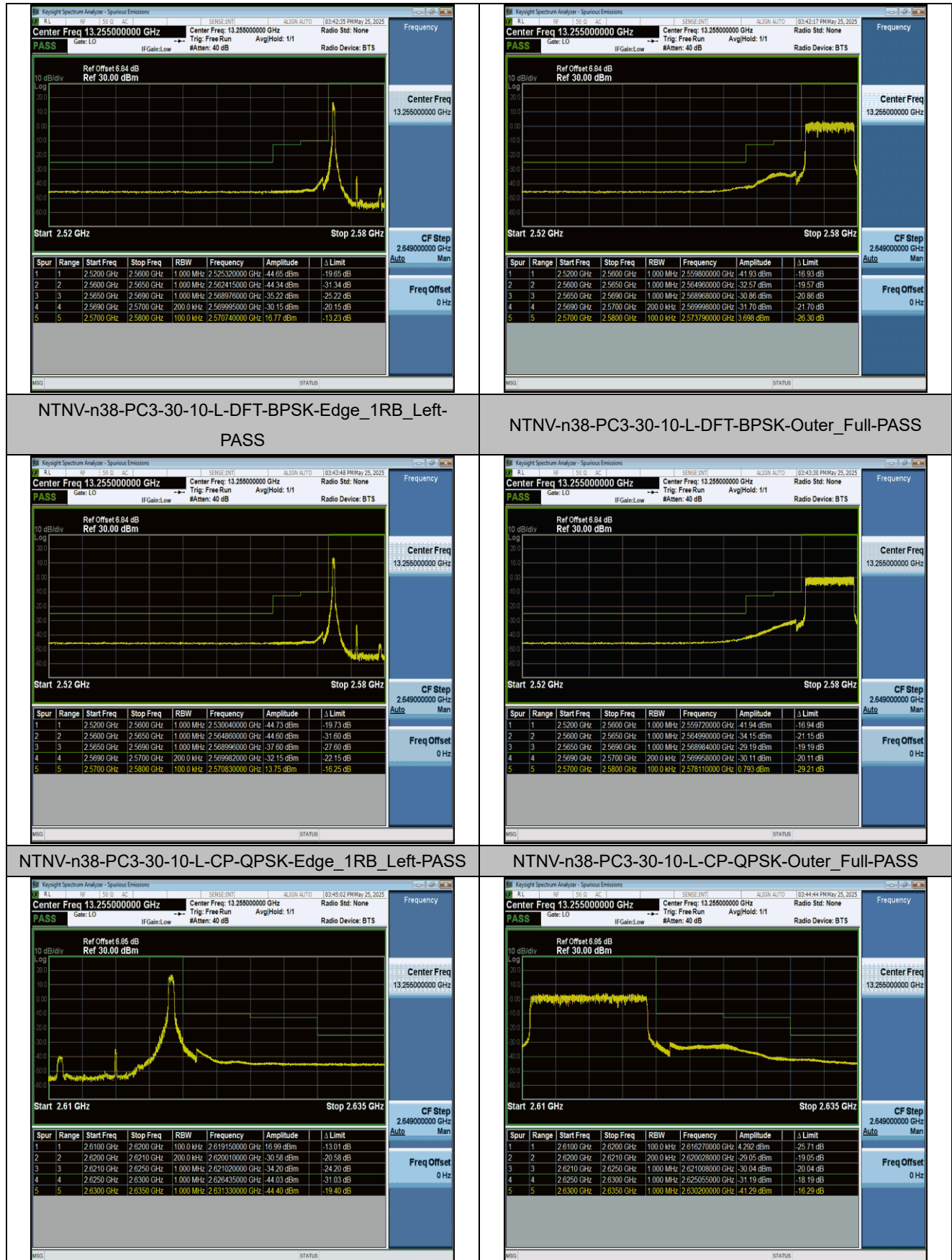




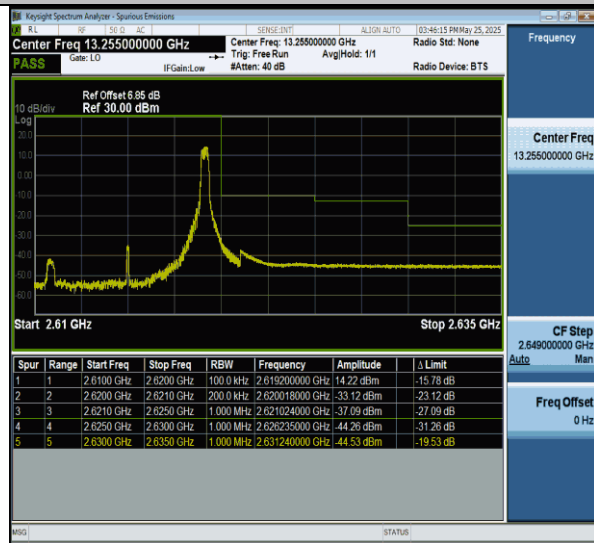


Band Edge for SA

Test Graphs



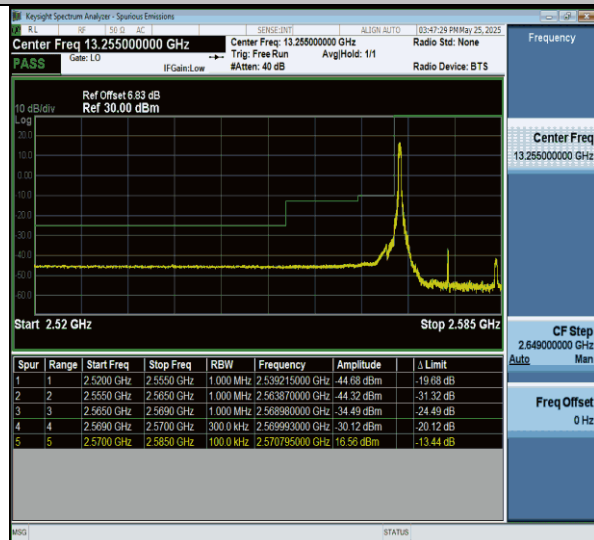
NTNV-n38-PC3-30-10-H-DFT-BPSK-Edge_1RB_Right-PASS



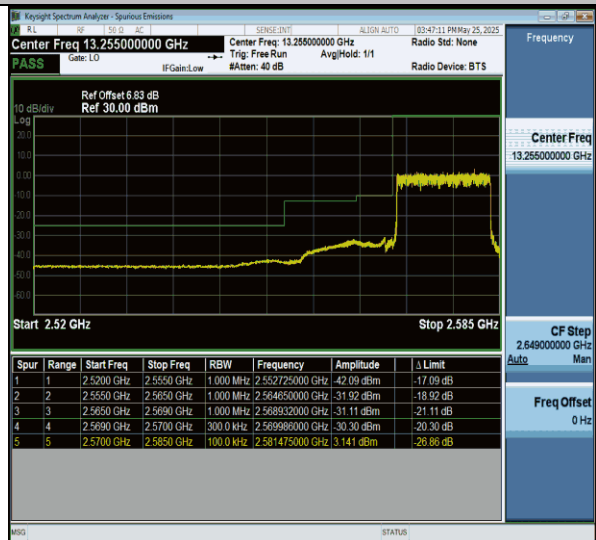
NTNV-n38-PC3-30-10-H-DFT-BPSK-Outer_Full-PASS



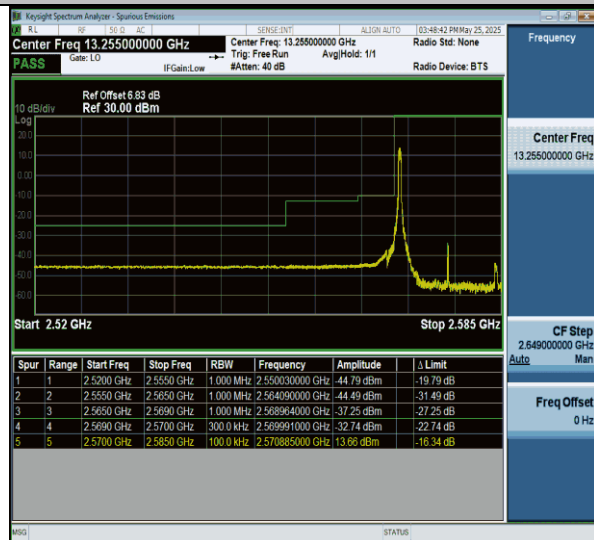
NTNV-n38-PC3-30-10-H-CP-QPSK-Edge_1RB_Right-PASS



NTNV-n38-PC3-30-10-H-CP-QPSK-Outer_Full-PASS



NTNV-n38-PC3-30-15-L-DFT-BPSK-Edge_1RB_Left-PASS



NTNV-n38-PC3-30-15-L-DFT-BPSK-Outer_Full-PASS

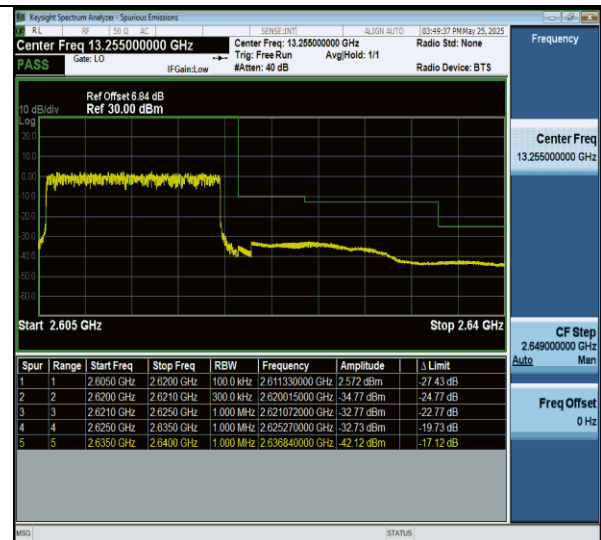


NTNV-n38-PC3-30-15-L-CP-QPSK-Edge_1RB_Left-PASS

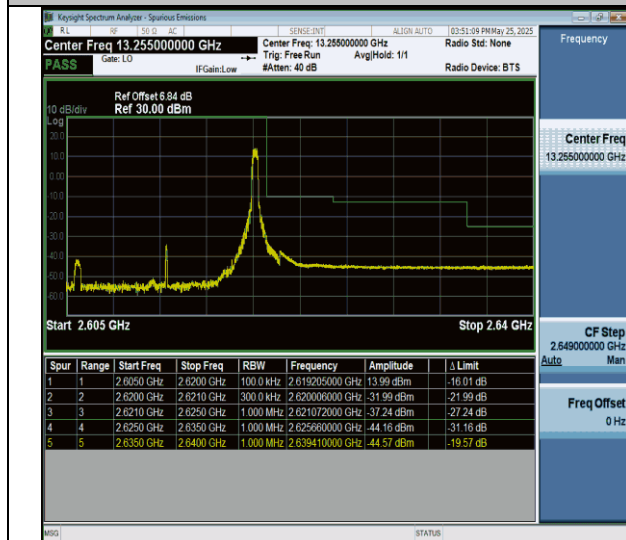
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NTNV-n38-PC3-30-15-H-DFT-BPSK-Edge_1RB_Right-PASS



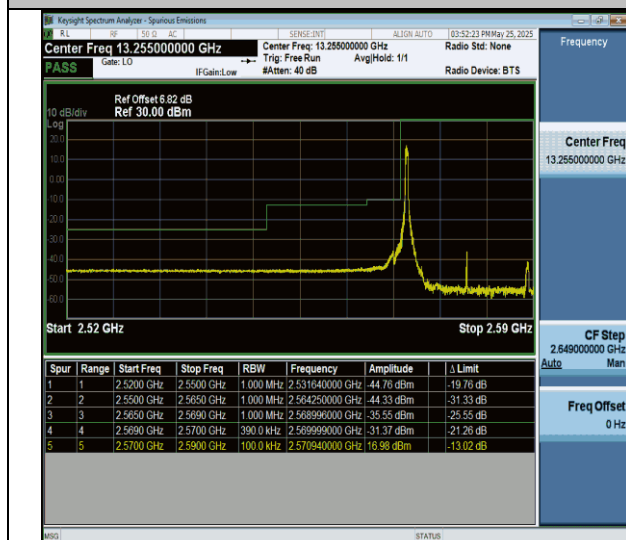
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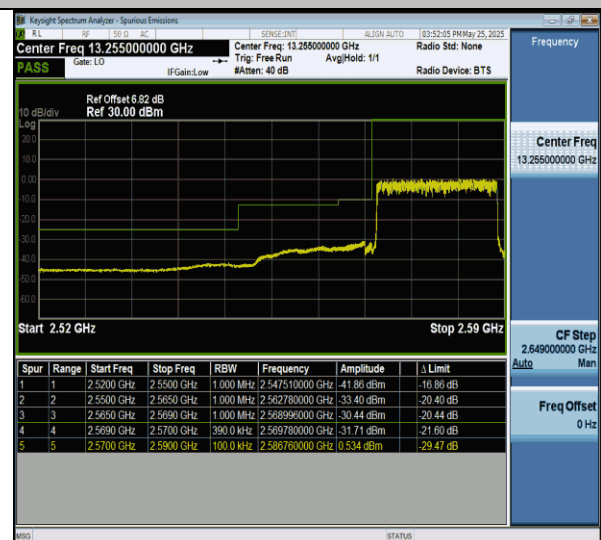
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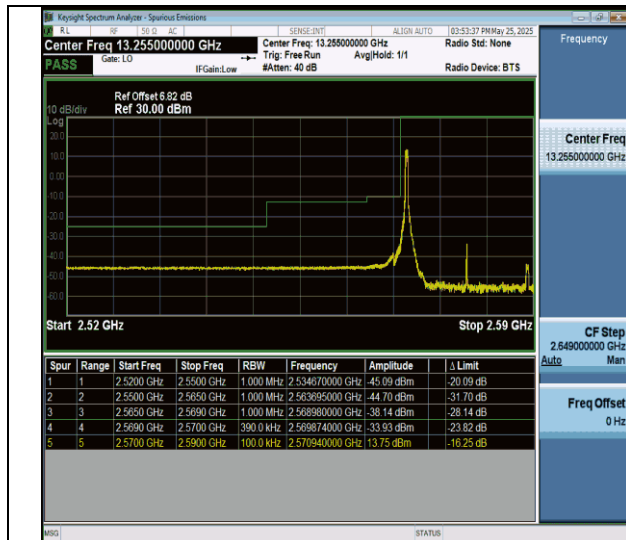
NTNV-n38-PC3-30-15-H-CP-QPSK-Outer_Full-PASS



NTNV-n38-PC3-30-20-L-DFT-BPSK-Edge_1RB_Left-PASS

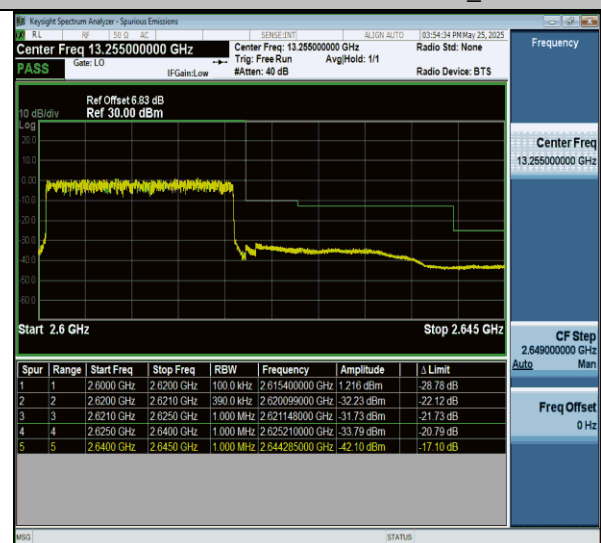
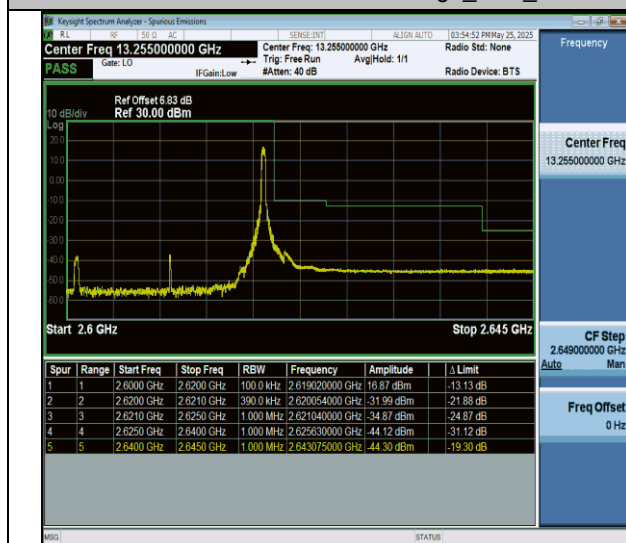


NTNV-n38-PC3-30-20-L-DFT-BPSK-Outer_Full-PASS



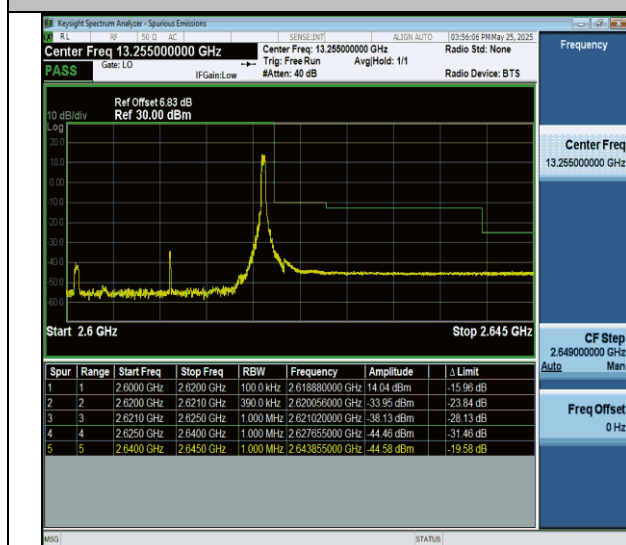
NTNV-n38-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-PASS

NTNV-n38-PC3-30-20-L-CP-QPSK-Outer_Full-PASS



NTNV-n38-PC3-30-20-H-DFT-BPSK-Edge_1RB_Right-PASS

NTNV-n38-PC3-30-20-H-DFT-BPSK-Outer_Full-PASS

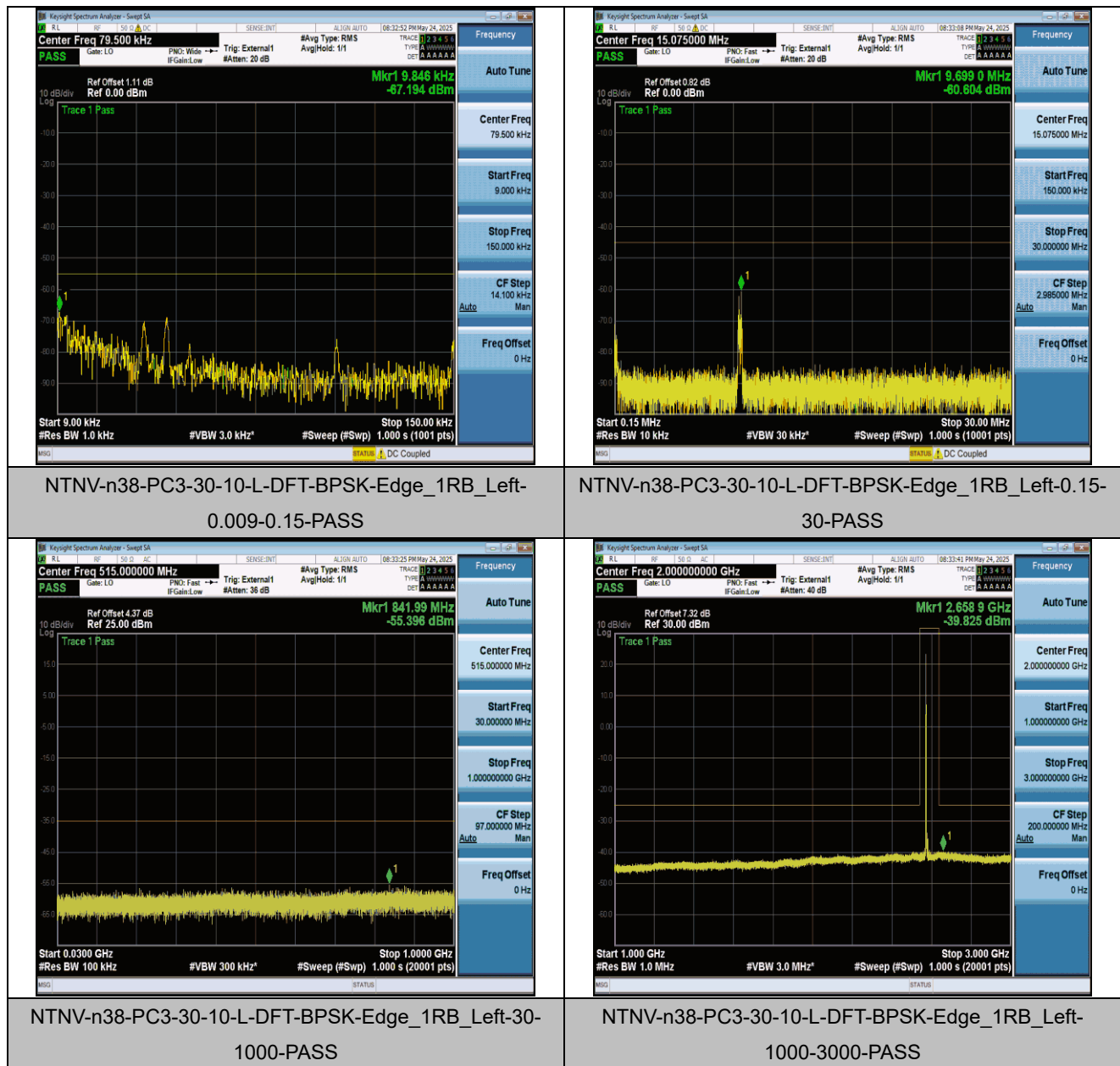


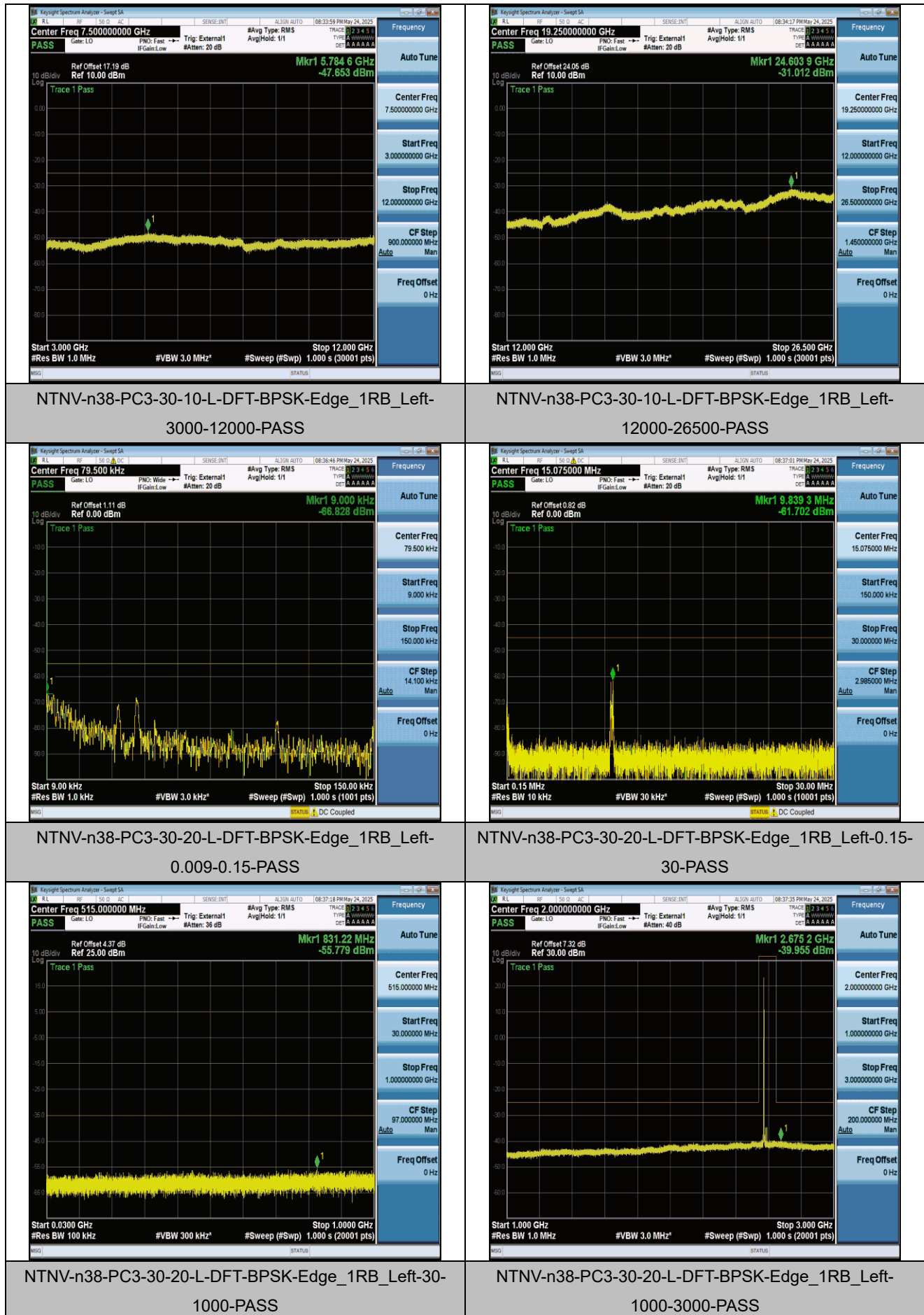
NTNV-n38-PC3-30-20-H-CP-QPSK-Edge_1RB_Right-PASS

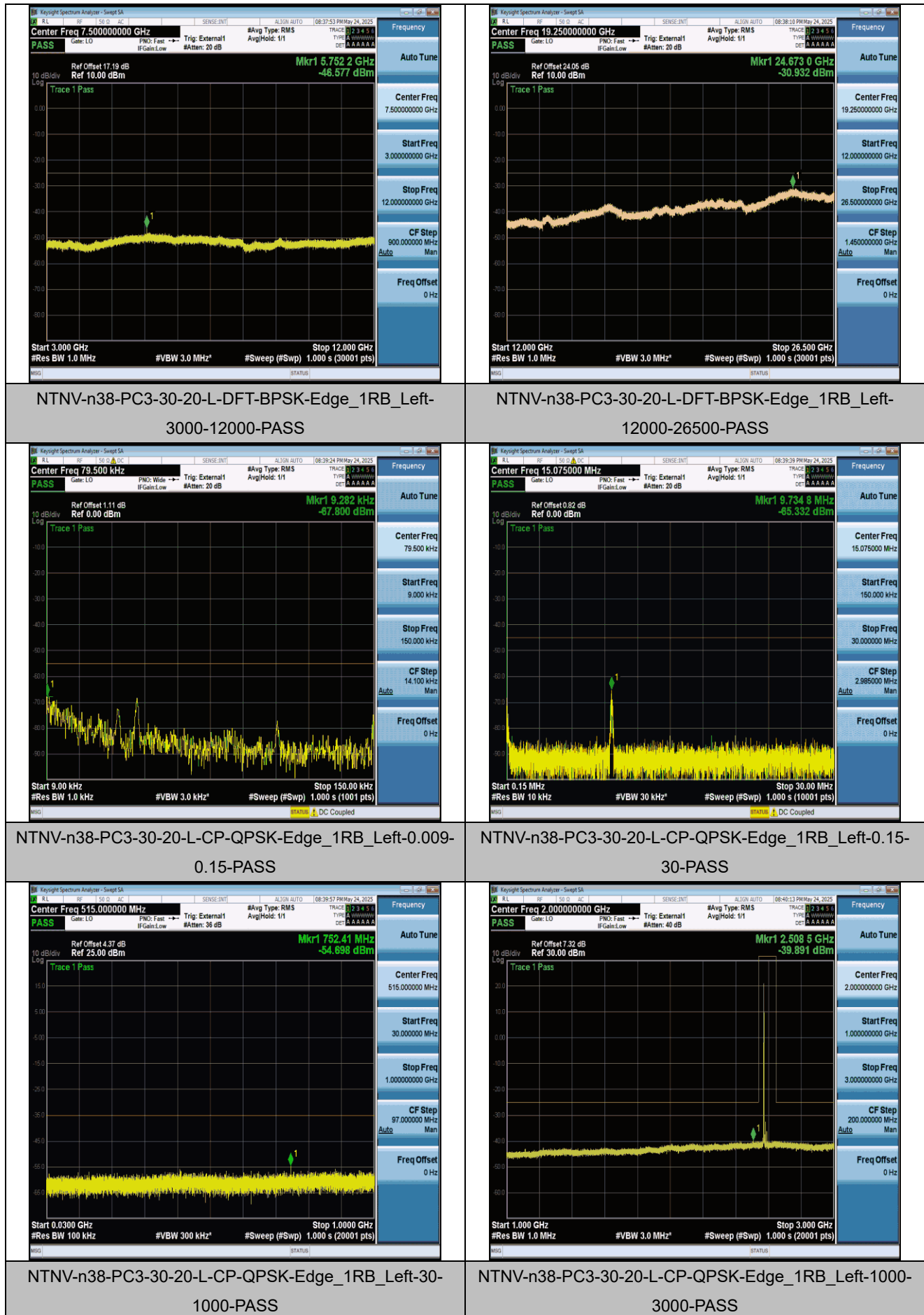
NTNV-n38-PC3-30-20-H-CP-QPSK-Outer_Full-PASS

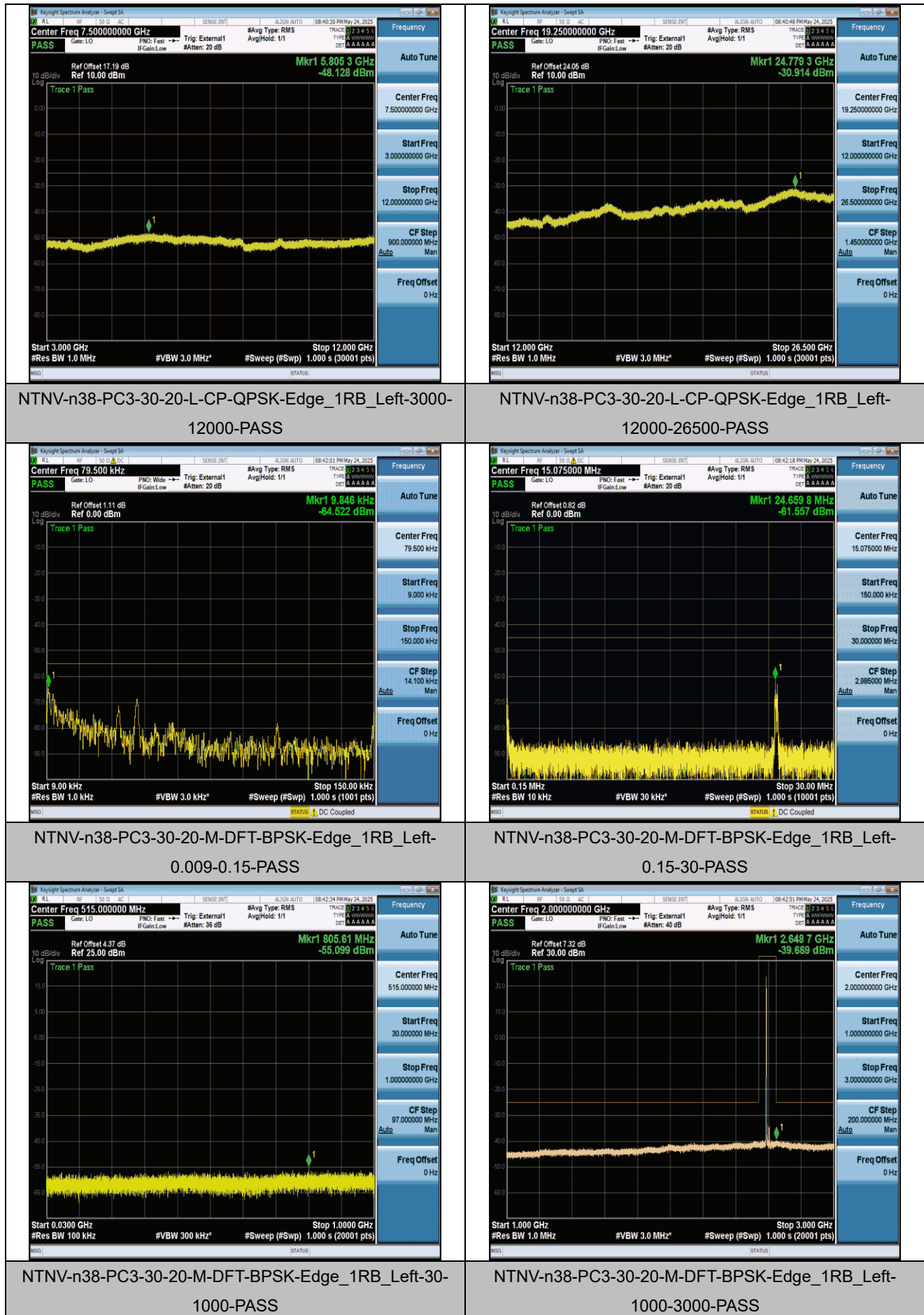
Conducted Spurious Emission for SA

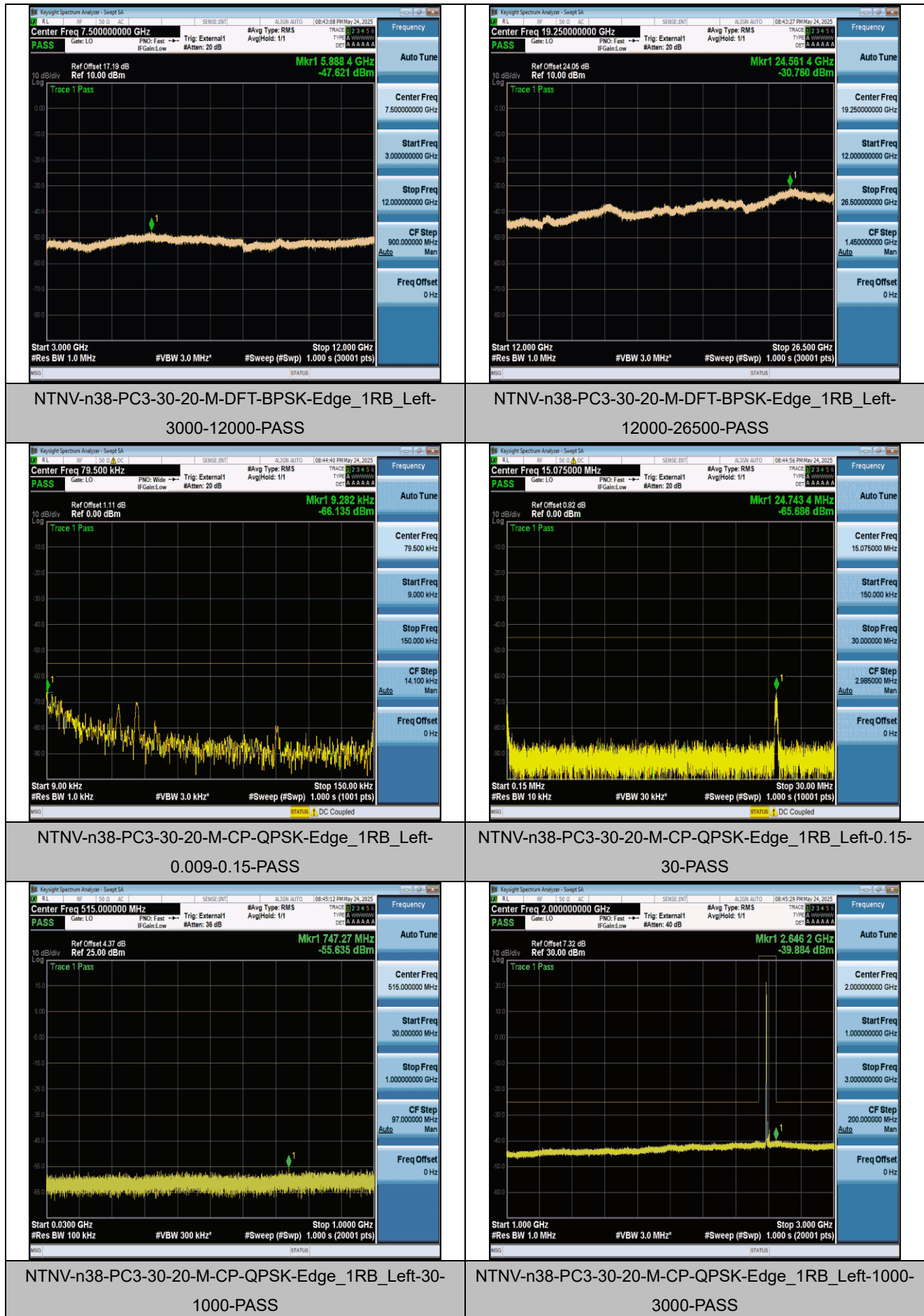
Test Graphs

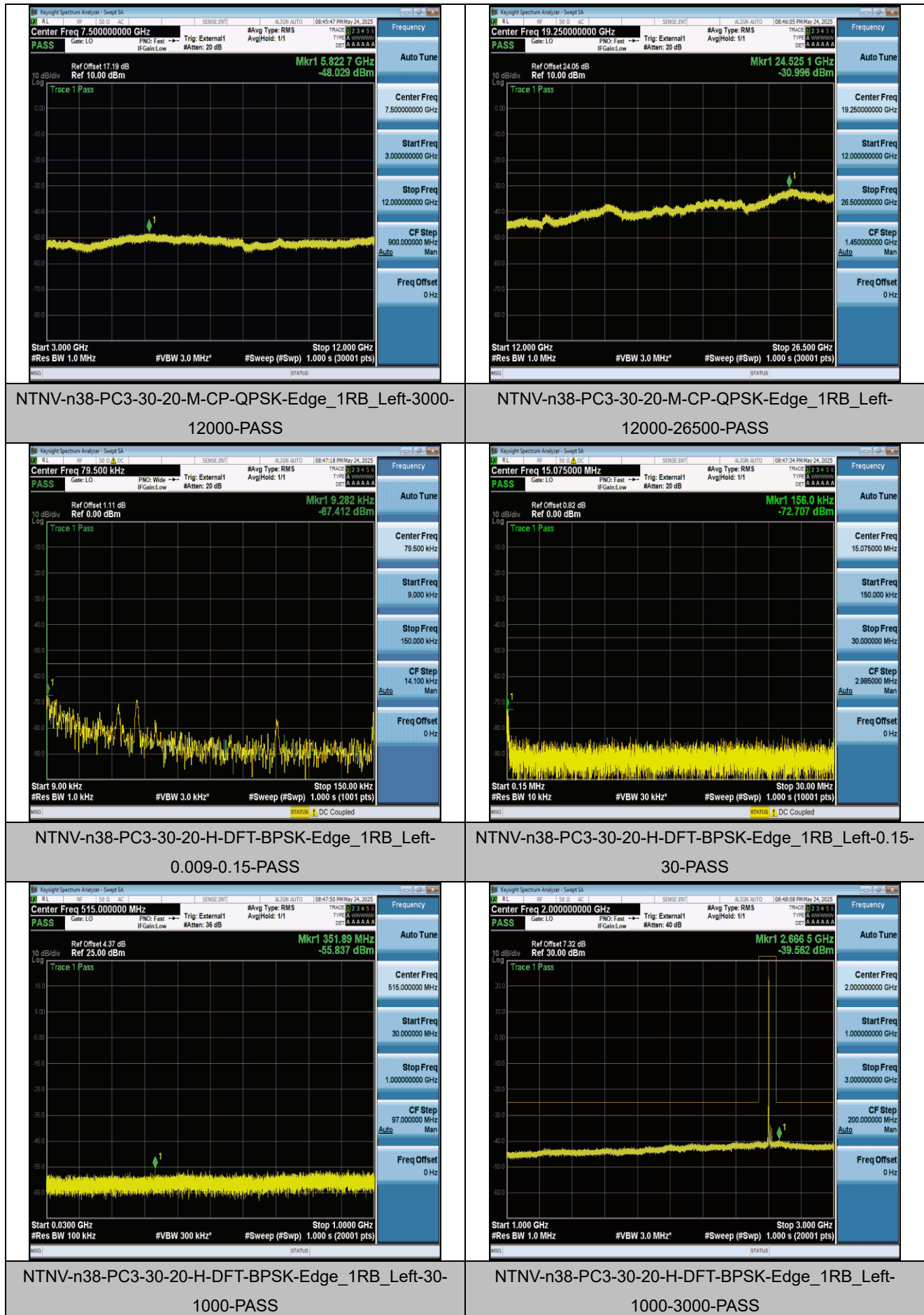


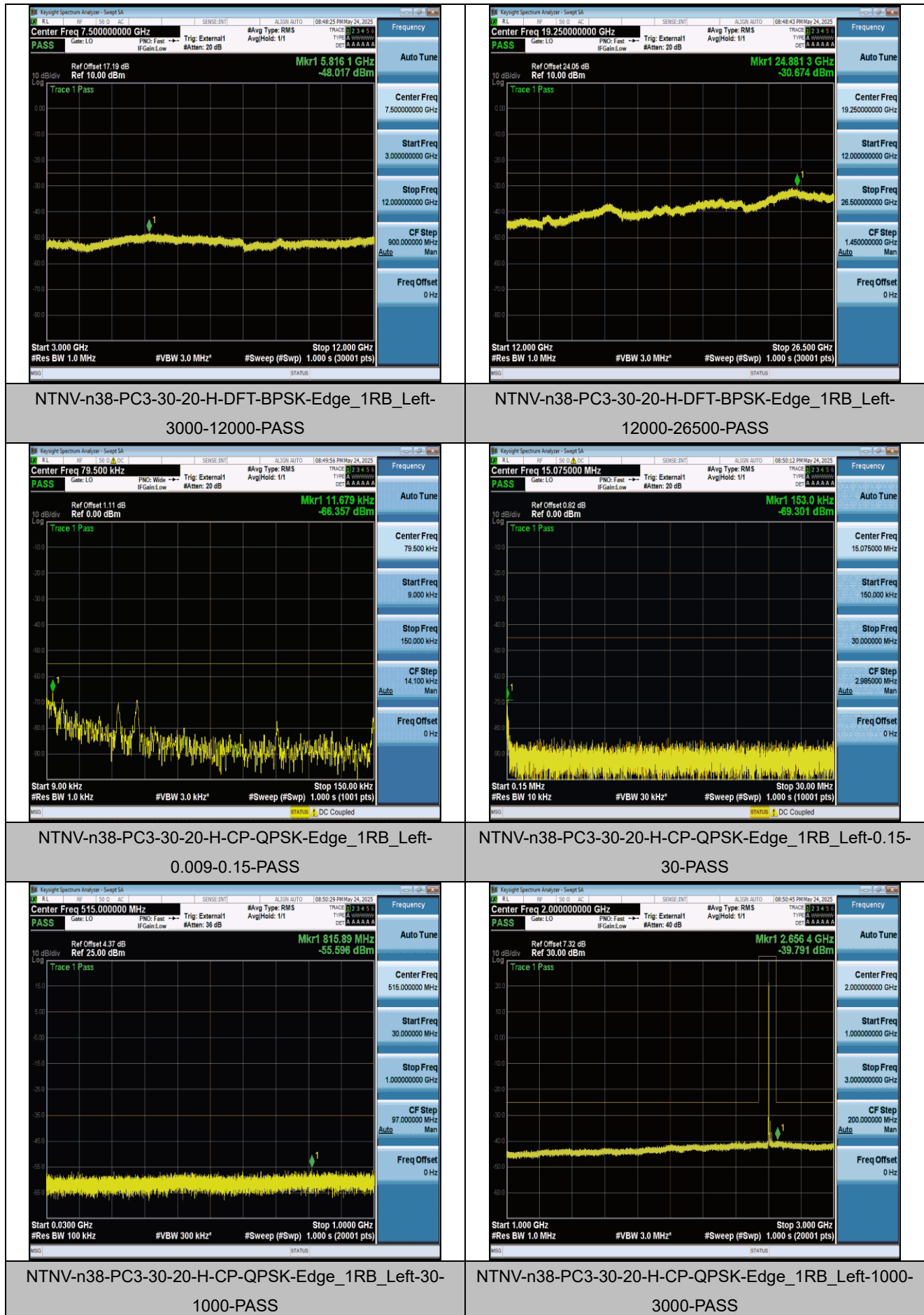


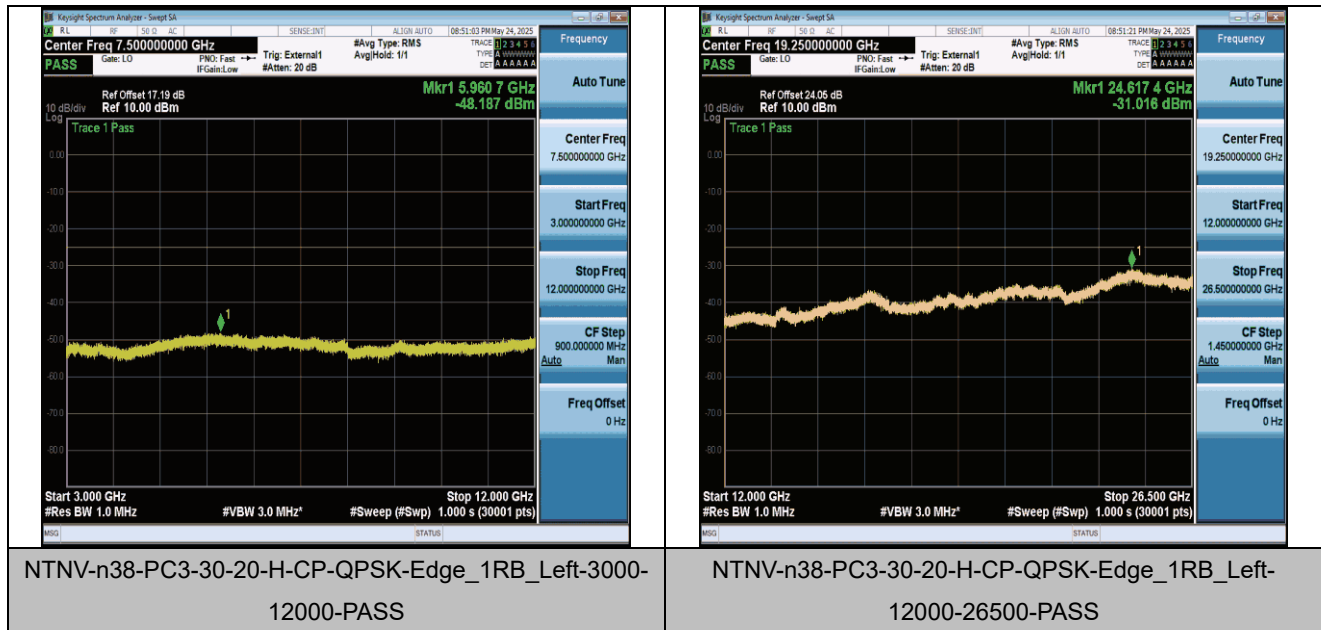












Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
n38	30	20	DFT-BPSK	M	Outer_Full	VL	NT	-8.882	-0.003423	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	VN	NT	-4.616	-0.001779	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	VH	NT	-7.974	-0.003073	PASS
n38	30	20	CP-QPSK	M	Outer_Full	VL	NT	-8.582	-0.003307	PASS
n38	30	20	CP-QPSK	M	Outer_Full	VN	NT	-7.178	-0.002766	PASS
n38	30	20	CP-QPSK	M	Outer_Full	VH	NT	-16.698	-0.006435	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
n38	30	20	DFT-BPSK	M	Outer_Full	NV	-30	-4.262	-0.001642	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	-20	-13.879	-0.005348	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	-10	-6	-0.002312	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	0	-10.386	-0.004002	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	10	-5.497	-0.002118	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	20	-7.193	-0.002772	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	30	-5.483	-0.002113	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	40	-6.46	-0.002489	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	50	-11.841	-0.004563	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	-30	-8.116	-0.003128	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	-20	-5.662	-0.002182	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	-10	-4.161	-0.001603	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	0	-10.405	-0.00401	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	10	-10.075	-0.003882	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	20	-4.262	-0.001642	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	30	-9.396	-0.003621	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	40	-10.272	-0.003958	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	50	-4.875	-0.001879	PASS

~The End~